



OCHOPEE FIRE CONTROL AND RESCUE DISTRICT

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2008 AUIR OCHOPEE FIRE CONTROL & RESCUE DISTRICT
SUMMARY FORM

Facility Type: *Dependent Fire Districts* (Category B)

Level of Service Standard: (Approx. 1 unit/4 minute response time/1.5 mile radius for fire suppression and 4 minute response time for Basic Life Support {BLS})

Unit Cost: \$1,230,000 per owned station

Weighted Population Calculations

	<u>Units</u>	<u>Value/Cost</u>
Available Inventory 9/30/08	1*	\$1,230,000
Required Inventory 9/30/13	2**	\$1,346,000***
Proposed AUIR FY 08/09-12/13	1****	\$ 116,000
5-Year Surplus or (Deficit)	0	\$ 0

Using the National Fire Protection Association (NFPA) & Insurance Service Organization (ISO) standard 4 minute response time/1.5 miles radius from stations for fire suppression and 4 minute response time for BLS, the following is set forth:

Expenditures

Proposed AUIR FY 08/09-12/13 expenditure dollar amount.....	\$ 116,000
Debt Service Payments (existing bonds and loans).....	\$0
Total Expenditures.....	\$ 116,000

Revenues

Impact Fees anticipated.....	\$ 4,100
Unspent Impact Fees	\$181,200
Total Revenues.....	\$185,300

Revenues needed to maintain existing LOSS **none**

Ochopee Millage Rate currently at 3.6988, by Ordinance capped at 4 Mills.

** The Ochopee Fire Control and Rescue District owns one station at 40808 East Tamiami Trail which is utilized for storage and as back-up location for emergency events and operates another station owned by the City of Everglades.*

*** This is the required inventory based upon ISO and NFPA response time standard (see response time maps).*

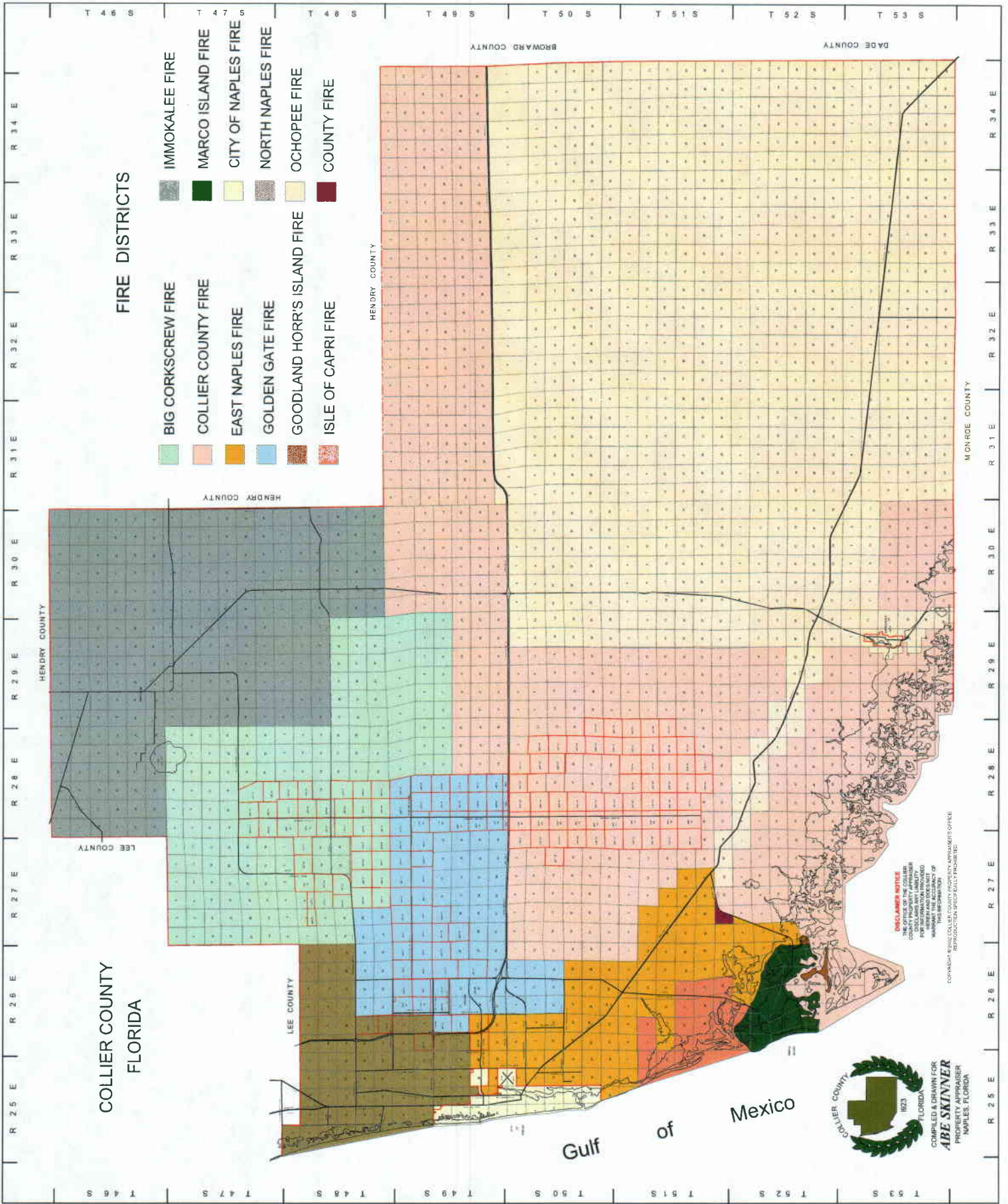
**** Equals the cost of one owned station located in Everglades City (\$1,230,000), and one proposed interim station at Port of the Islands (\$116,000), for total of \$1,346,000*

***** These are the Ochopee Fire District recommended capital improvements units which are based upon response time to all incidents contained in the ISO and NFPA standards. Time factors in these standards include being on the scene in four minutes within one and a half miles of the station for fire suppression calls and 4 minute response*

*time for BLS. One consideration in station placement is the fire protection factor with The Port Of The Islands, which has approximately fifty million dollars of residential and commercial developments located within this area. The nearest station is approximately 14 miles from the Port of the Islands. **The proposed Port Of The Island station will be designed to address this current deficiency.** An interim station for Port of the Islands is being recommended, at the Fire District, at a cost of approximately \$116,000. Feasibility of placing an interim station at the Port of the Island location is dependent upon Conditional Use approval, which may not be consistent with Land Development Code provisions for Conditional Uses in the existing Zoning District.*

*Additionally, given the vast size of this district, the district needs stations located in other parts of the district to reduce the response times currently experienced. Forty percent of call volume currently originates greater than twenty miles from the station. Ninety eight percent of those calls fall in the "golden hour" of trauma response. **An I-75 shared station is designed to address this current deficiency.** However, due to the mandated tax rollback and subsequently approved referendum of January 2008, and resulting lower revenues, the I-75 station proposed in the 2006 AUIR, has been postponed. To understand the demands the I-75 corridor places upon the Ochopee Fire District, please see the OCHOPEE FIRE CONTROL DISTRICT CALL STATISTICS insert at the end of this section.*

The Bureau of Emergency Services, including Ochopee Fire and EMS has entered into very preliminary discussions with representatives of the Florida Department of Transportation. FDOT is proposing to lease space to the County at an undetermined rest area along I-75 in which a Fire/Emergency Medical response team could be housed. This would afford a more timely and effective response to vehicle accidents and minor brush fires that make break out in medians, etc.



FIRE DISTRICTS

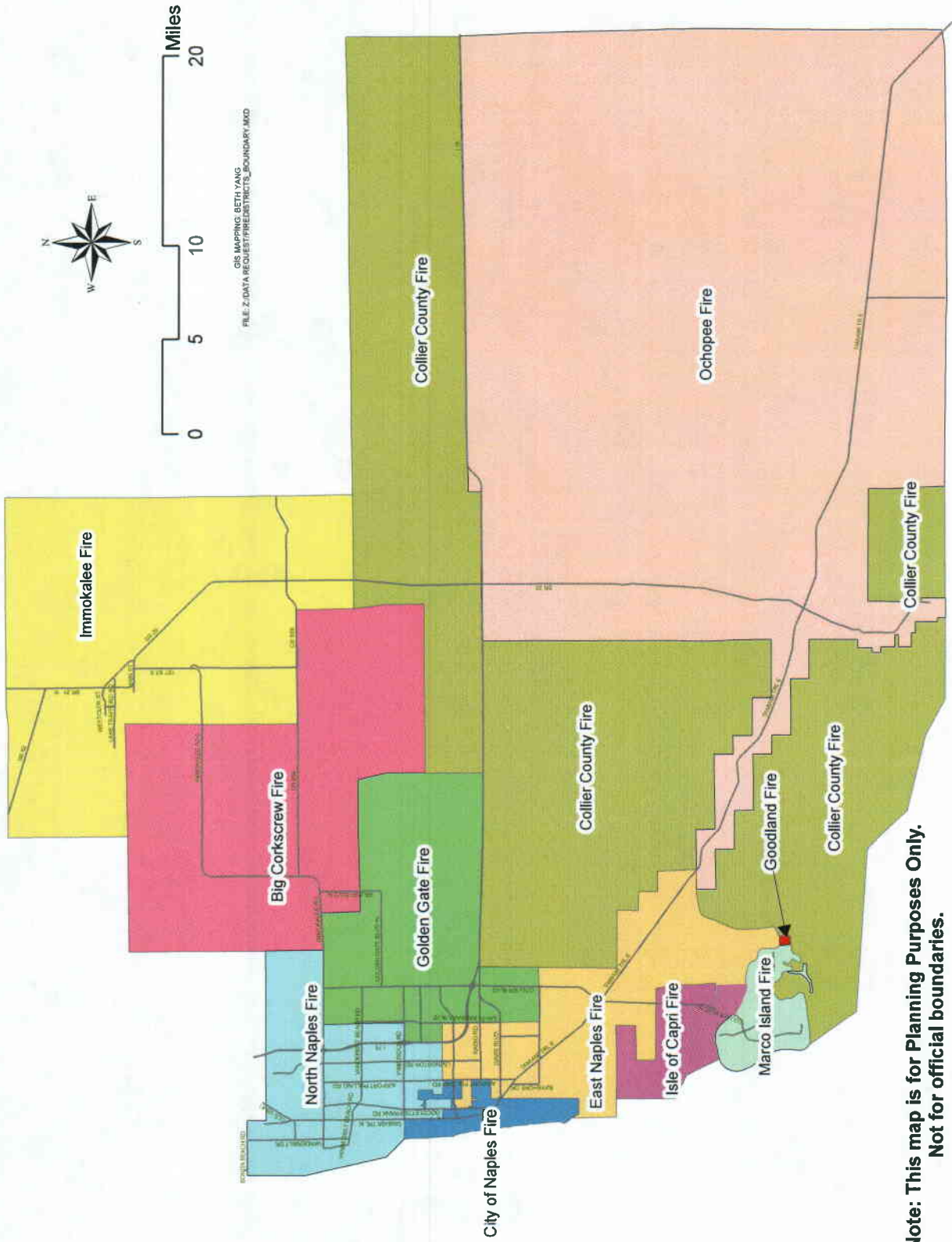
- BIG CORKSCREW FIRE
- IMMOKALEE FIRE
- COLLIER COUNTY FIRE
- MARCO ISLAND FIRE
- EAST NAPLES FIRE
- CITY OF NAPLES FIRE
- GOLDEN GATE FIRE
- NORTH NAPLES FIRE
- GOODLAND HORR'S ISLAND FIRE
- OCHOPEE FIRE
- ISLE OF CAPRI FIRE
- COUNTY FIRE

COLLIER COUNTY
FLORIDA



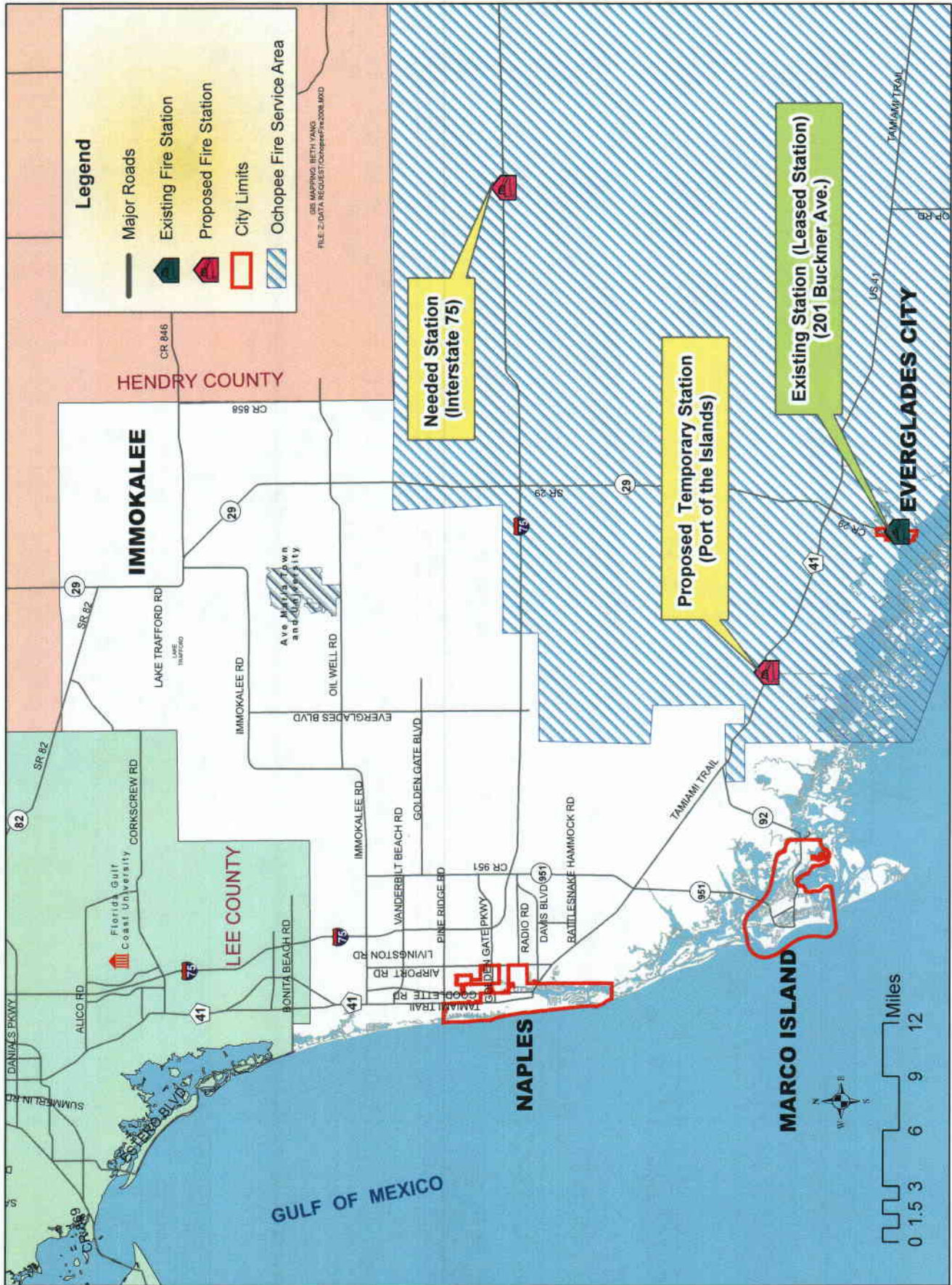
DISCLAIMER NOTICE
 THIS MAP IS A GENERAL REPRESENTATION OF THE
 COUNTY PROPERTY JURISDICTION
 FOR INFORMATIONAL PURPOSES
 AND DOES NOT CONSTITUTE A WARRANTY OF
 ANY KIND. THE BOARD OF COUNTY COMMISSIONERS OFFICE
 REPRESENTS THE OFFICE OF COUNTY PROPERTY.

COLLIER COUNTY FIRE DISTRICT BOUNDARY MAP

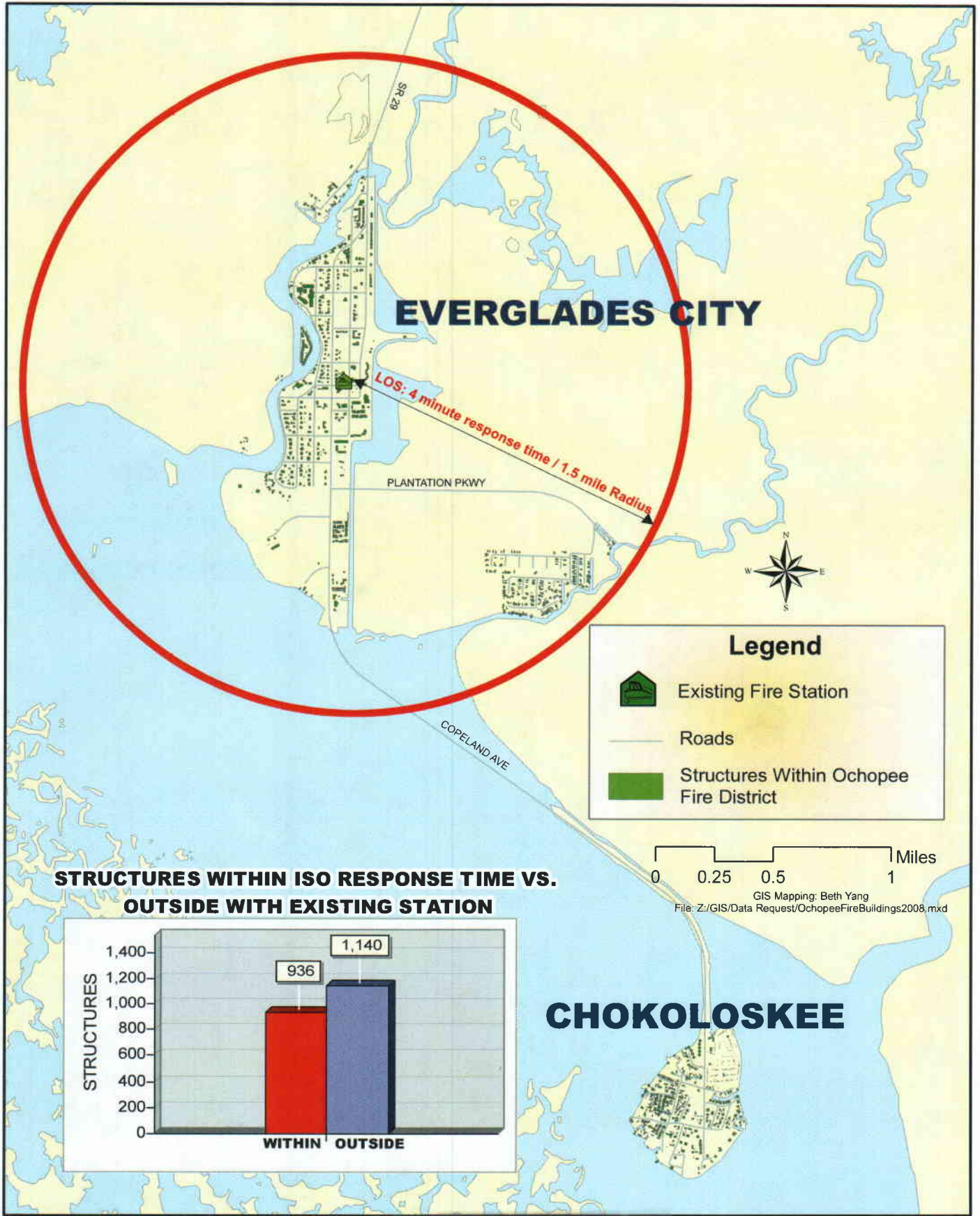


**Note: This map is for Planning Purposes Only.
Not for official boundaries.**

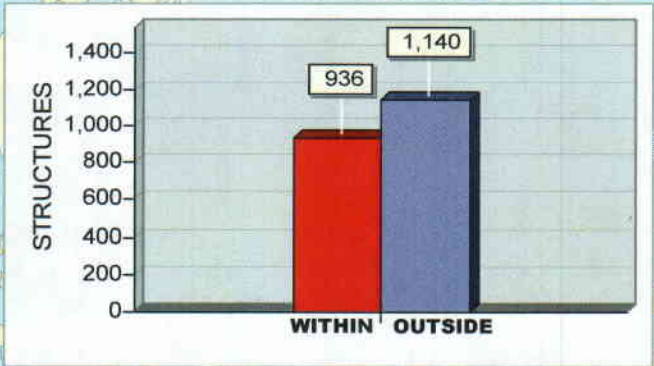
2008 OCHOPEE FIRE STATIONS - EXISTING AND PROPOSED



2008 OCHOPEE EXISTING FIRE STATION
 (LOS: 4 MINUTE RESPONSE TIME / 1.5 MILE RADIUS)



STRUCTURES WITHIN ISO RESPONSE TIME VS. OUTSIDE WITH EXISTING STATION

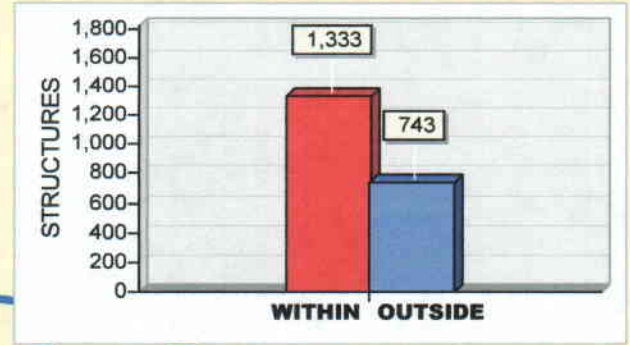


0 0.25 0.5 1 Miles
 GIS Mapping: Beth Yang
 File: Z:/GIS/Data Request/OchopeeFireBuildings2008.mxd

CHOKOLOSKEE

2008 OCHOPEE PROPOSED FIRE STATION (IN THE PORT OF THE ISLANDS)

STRUCTURES WITHIN ISO RESPONSE TIME VS. OUTSIDE WITH ADDITION OF THE STATION






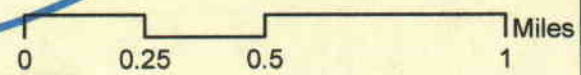
Proposed Temporary Port of the Islands Station to service structures outside of ISO response time

LOS: 4 minute response time / 1.5 mile Radius

PORT OF THE ISLANDS

Legend

-  Proposed Temporary Fire Station
-  Roads
-  Structures Within Ochopee Fire District



**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station with Land
Donation**

Description	Cost	Percent of Total
Building Replacement Cost per Station	\$650,000	63.23%
Land Replacement Cost per Station *	\$0	0.00%
Equipment & Vehicle Replacement Cost per Station	\$550,000	35.49%
Office furniture & full live in facility	\$30,000	2.44%
Total Cost per Station**	\$1,230,000	100%

**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station without Land
Donation**

Description	Cost	Percent of Total
Building Replacement Cost per Station	\$650,000	63.23%
Land Replacement Cost per Station	\$600,000	49.00%
Equipment & Vehicle Replacement Cost per Station	\$550,000	35.49%
Office furniture & full live in facility	\$30,000	1.64%
Total Cost per Station**	\$1,830,000	100%

**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station with Land
Donation - Interim Station**

Description	Cost	Percent of Total
Office Rental Contract	\$31,000	27%
Office Space Rent \$16,000/Year for 5-Years	\$80,000	69%
Development Permit Fees	\$5,000	4%
Total Cost - Interim Station	\$116,000	100%

* Based on donated land. The land is on donation with covenants to revert back to the owner if they do not use it as a fire station.

** The required inventory does not attempt to predict future possible increases or decreases in land, building and equipment costs.

Source: Ochopee Fire Control & Rescue District

**OCHOPEE FIRE CONTROL DISTRICT
CALL STATISTICS FOR 2006, 2007,
& PART OF 2008**

<u>TYPE OF CALL</u>	2006	2007	YEAR TO DATE 2008 (8-15-08)
Structure Fires	8	6	1
Brush Fires	65	99	45
Emergency Medical	256	276	252
Motor Vehicle Accidents	273	268	238
Auto Fires	46	40	39
Hazmat Calls	8	7	4
Good Intent	2	10	6
Smoke Investigations	18	15	19
Air Craft Accidents	1	0	1
Mutual Aid Calls	3	1	0
Water Rescue	3	0	0
Fire Alarms	6	12	9
Total Calls	689	734	614

**OCHOPEE FIRE CONTROL DISTRICT
CALL STATISTICS FOR I-75**

<u>TYPE OF CALL</u>	2006	2007	YEAR TO DATE 2008
Structure Fires	0	0	0
Brush Fires	30	99	17
Emergency Medical	43	45	41
Motor Vehicle Accidents	205	195	179
Auto Fires	28	34	27
Hazmat Calls	4	3	2
Good Intent	0	1	2
Smoke Investigations	1	1	1
Air Craft Accidents	0	0	0
Mutual Aid Calls	0	0	0
Water Rescues	0	0	0
Fire Alarms	0	0	0
Total Calls	311	315	269

There were a total of 689 calls in 2006 of which 311 were on I-75 therefore making that 39.1%

There were a total of 734 calls in 2007 of which 315 were on I-75 therefore making that 42%

There have been a total of 614 calls so far this fiscal year as of 8-15-08 of which 269 have been on I-75 making that 43%

COLLIER COUNTY FIRE SERVICE AUTOMATIC MUTUAL AID AGREEMENT

This AGREEMENT, made and entered into the 15th day of May, ~~1999~~ ²⁰⁰⁰ by and between the North Naples, East Naples, Golden Gate, big Corkscrew Island, Immokalee, Ochopee, and Isle of Capri Fire Control and Rescue Districts, and to include the City of Naples and the City of Marco Island.

WITNESSETH

WHEREAS, all parties desire to enter into an Automatic Mutual Aid Agreement which will provide Automatic Aid to certain areas in all Districts for additional fire protection and rescue services including equipment and personnel of the other parties when dispatched:

IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN ALL PARTIES TO PROVIDE AUTOMATIC MUTUAL AID TO EACH OTHER UNDER THE FOLLOWING TERMS AND CONDITIONS:

1. "AUTOMATIC MUTUAL AID" is defined as, the party providing such aid will respond immediately and directly to provide fire protection and rescue services to areas identified in "Attachment A" that may not be within the jurisdiction of the providing party.
2. EQUIPMENT RESPONSE: ALL PARTIES will automatically commit one (1) engine rescue/squad with a minimum of two (2) personnel to calls as follows:

TYPE OF CALL	EQUIPMENT
HazMat	One (1) engine
Structure Fires	One (1) engine
Fire Alarms	One (1) engine
Rescue Calls	One (1) engine, Rescue/attack or Combination of two, if Needed

3. The Department receiving AUTOMATIC AID shall continue to respond with at least one (1) vehicle as backup on all fire calls and alarms. Medical calls will normally be handled by a single department response by the department providing AUTOMATIC AID. On notification of construction accidents/vehicle accidents (with entrapment) a unit will continue to the scene from the Agency having jurisdiction (AHJ).

4. The parties hereby agree that these services will not be provided by the Automatic Aid Agency when the number of incidents requiring response in their District is such that they cannot efficiently provide response to both districts. In that event, the Automatic Aid Agency will give priority in responding to incidents occurring in their District over incidents occurring in the Auto Aid Area, and will by radio provide notice to the Agency having jurisdiction.

5. COMMUNICATIONS

- A. Responding apparatus will notify the communications center of the Agency having jurisdiction (AHJ) of their Automatic Aid Response.
 - B. The personnel providing automatic aid are responsible for calling additional resources until they are relieved by the incident commander of the AHJ, who is on scene.
 - C. While responding to an incident, all units will switch to the assigned tac channel determined by the dispatch center.
 - D. For multiple apparatus responses, the AHJ will reduce the normally assigned response by the Automatic Aid Response. For example, if the standard response is two engines, one truck; the AHJ will reduce the response by one engine.
 - E. On false calls, alarm malfunctions, and incidents requiring additional follow-up, the AHJ will continue one unit for reporting purposes.
 - F. For medical calls, the dispatchers shall only notify the Automatic Aid Provider. For vehicle accidents, Haz-Mat, and all fires, both agencies shall be notified.
6. The AHJ will handle all complaints and public assists, examples: leaking hydrants, unauthorized burns, potential fire hazards, helping someone into bed, etc.
 7. For all fires and Haz-Mat incidents the AHJ personnel shall complete a FFIRS Report. Personnel providing Automatic Aid will complete the "Mutual Aid Given" requirements of the FFIRS. For medical calls the Automatic Aid provider will complete the FFIRS report.
 8. This AGREEMENT may be amended as to its terms, conditions, and response areas at any time by mutual consent of all parties concerned, through a written document executed with the same formalities as this Agreement by both parties.

9. This AGREEMENT may be terminated by any party upon thirty (30) days written notice to the other party. Should any District withdraw from this agreement, the agreement shall remain in effect for all remaining Districts.

This AGREEMENT becomes effective once signed by the Fire Chiefs of all Agencies.

NORTH NAPLES FIRE CONTROL & RESCUE DISTRICT

BY: 
James W. Tobin, Fire Chief

GOLDEN GATE FIRE CONTROL & RESCUE DISTRICT

BY: 
Donald R. Peterson, Fire Chief

EAST NAPLES FIRE CONTROL & RESCUE DISTRICT

BY: 
Robert Schank, Fire Chief

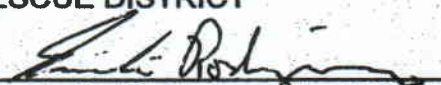
IMMOKALEE FIRE CONTROL & RESCUE DISTRICT

BY: 
Ray Alvarez, Fire Chief


BIG CORKSCREW ISLAND FIRE CONTROL & RESCUE DISTRICT

BY: 
Frank Kovarik, Fire Chief

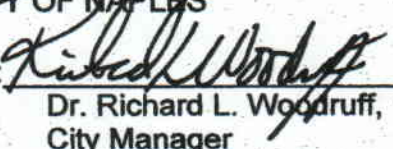
ISLE OF CAPRI FIRE CONTROL & RESCUE DISTRICT

BY: 
Emilio Rodriguez, Fire Chief

CITY OF MARCO ISLAND

BY: 
Bob Boone, Director

CITY OF NAPLES

BY: 
Dr. Richard L. Woodruff,
City Manager

OCHOPEE FIRE CONTROL & RESCUE DISTRICT

BY: 
Paul Wilson, Fire Chief

ATTEST:


Tara A. Norman, City Clerk

ATTACHMENT "A"

SPECIFIC AUTOMATIC AID RESPONSES

EAST NAPLES TO:

CITY OF NAPLES: Wellesley Inn, Olive Garden, in Windstar 1500 to 1650 Star Point Ln. and The Island – 1300 to 1515 Yacht Harbour Cove, Naples Airport, Bear's Paw Country Club, Poinciana Professional Center, and the intersection of Golden Gate Parkway and Airport Road.

GOLDEN GATE: Rattlesnake Hammock Road from Polly Avenue east to and including Wing South.

MARCO ISLAND: After a confirmed structure fire in a mid-rise or high-rise building.

ISLE OF CAPRI: Upon initial notification to Isle of Capri of a structure fire.

OCHOPEE: Upon initial notification to Ochopee of a structure fire.

GOLDEN GATE TO:

EAST NAPLES: West of Santa Barbara Boulevard from Copper Leaf Street to the Golden Gate Canal. West on Golden Gate Parkway to Livingston Road, including north and south sides.

NORTH NAPLES: Windemere subdivision and Livingston Road. On I-75 from the 105 mile marker north to Exit 16.

NORTH NAPLES TO:

EAST NAPLES: On Airport Road from District line south to Long's Market. This will include Poinciana Elementary School.

CORKSCREW: From District line east on CR 846 up to and including Twin Eagles and Bonita Bay East.

GOLDEN GATE: CR 846 east from the district line up to Catawba Street, including Moulder Road. Vanderbilt Beach Extension north to CR 846. CR 951 from Vanderbilt Beach Extension north to CR 846.

CITY OF NAPLES: An area bounded by US 41 on the east, the Gulf of Mexico on the west, Park Shore Drive on the south, and Seagate Drive on the north.

MARCO ISLAND TO:

ISLE OF CAPRI: Upon confirmation of a structure fire.

EAST NAPLES: From the district line on CR 92 to US 41. Fire incidents and airplane accidents at Marco Airport.

ISLE OF CAPRI TO:

EAST NAPLES: For structure fire notification from district line to Henderson Creek on CR 951 including Mainsail, Fiddler's Creek, and Manatee Road areas. For fire alarms on Mainsail Drive.

CITY OF NAPLES TO:

EAST NAPLES: All areas on the east side of Goodlette Road up to and including Wilderness Country Club. Those areas on Golden Gate Parkway west of Airport Road.

NORTH NAPLES: From Wilderness Country Club to Burning Tree Drive on the east side of Goodlette Road. An area bounded by Creech Road on the south, Solana Road on the north, US 41 on the west and Goodlette Road on the east.

BONITA SPRINGS
FIRE CONTROL & RESCUE DISTRICT

P.O. BOX 1958
BONITA SPRINGS, FL 34133-1958

ADMINISTRATION
TEL: (941) 992-3320
FAX: (941) 992-1921

FIRE PREVENTION
TEL: (941) 992-3511
FAX: (941) 992-6942

February 9, 2000

Paul Wilson, Chief
Ochopee Fire Department
PO Box 25
Ochopee, FL 34141

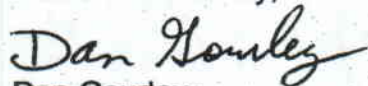
RE: Mutual Aid Agreement

Dear Chief Wilson:

The Bonita Springs Fire Control and Rescue District is up-dating the files for mutual aid agreements.

Please sign and date the enclosed mutual aid agreements. Please keep one copy for your file and return the other copy to me. If you have any questions, please feel free to contact me at (941) 992-3320.

Yours in fire safety,



Dan Gourley
Fire Chief

DG:hp

MUTUAL AID AGREEMENT

Memorandum of understanding between the Ochopee Fire Control District and the Bonita Springs Fire Control and Rescue District.

To make possible effective support when either organization is taxed to or beyond its capacity and asks for assistance. It shall be understood that no monies or other compensation shall pass from Department to Department, and each Department shall be responsible for its own equipment, personnel and all other items used in the performance of the said agreement.

By Paul Wilson Chief 2-15-2000 Date
(Signature)

Paul Wilson Chief
(Please Print)

Ochopee Fire Control District
(Department)

By Dan Hourley Chief 2-10-2000 Date
(Signature)

DAN Hourley Chief
(Please Print)

Bonita Springs Fire Control and Rescue District
(Department)

COPY

INTERLOCAL AGREEMENT

This Interlocal Agreement ("Agreement") is made and entered into by and between the EAST NAPLES FIRE CONTROL AND RESCUE DISTRICT, a political subdivision of the State of Florida, hereinafter referred to as the "EAST NAPLES FIRE DISTRICT" and Board of County Commissioners of Collier County, Florida, hereinafter referred to as the "District".

WHEREAS, the Florida Interlocal Cooperation Act of 1969, § 163.01, Florida Statutes, authorizes the joint exercise of any power, privilege or authority which the public agencies involved herein might exercise separately and;

WHEREAS, the EAST NAPLES FIRE DISTRICT and the District are public agencies within the meaning of the Florida Interlocal Cooperation Act of 1969 and desire the joint exercise of power which each might exercise separately for the purpose of providing fire prevention within Collier County; and

WHEREAS, the North Naples Fire Control and Rescue District, Golden Gate Fire Control and Rescue District, Big Corkscrew Island Fire Control and Rescue District, Immokalee Fire Control and Rescue District, East Naples Fire Control and Rescue District, Ochopee Fire Control District, and Isle of Capri Fire Control District, have entered into an Interlocal Agreement with Collier County, dated: 1-28-03 for the purpose of delineating the responsibilities of Collier County and the Fire Districts with respect to fire plan reviews and fire inspections for new construction, construction projects, and existing structures; and

WHEREAS, said Interlocal Agreement between Collier County and the Fire Districts requires that separate agreements between each Fire District and the East Naples Fire Control and Rescue District be executed for the purpose of implementing the duties and obligations of the Fire Districts pursuant to that agreement and;

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual promises, covenants and duties hereinafter set forth, the EAST NAPLES FIRE DISTRICT and the District formally covenant, agree, and bind themselves as follows:

SECTION ONE: Purpose.

The purpose of this Agreement is to provide for an expeditious, high-quality fire permit plan review and fire inspection process for new construction and construction projects by delineating the responsibilities of the EAST NAPLES FIRE DISTRICT and the District in order to enhance service to the citizens of Collier County. A further purpose of this Agreement is to implement the duties and obligations of the EAST NAPLES FIRE DISTRICT and the District, which are required by the Interlocal Agreement, dated 1-28-03 between Collier County and the Fire Districts.

SECTION TWO: Definitions.

The following terms as used in this Agreement shall be defined as follows:

ASSISTANT FIRE CODE OFFICIAL - An individual who is employed the administrative DISTRICT and who serves in the absence of the Fire Code Official pursuant to this agreement.

AUTHORITY HAVING JURISDICTION- The Fire Chief or his/her designee (Fire Marshal, or Fire Inspector, or Fire Code Official) responsible for, and having final authority in his/her respective jurisdiction, in both new and existing construction (§ FS 633.121).

FIRE DISTRICTS - The individual Fire and Rescue Districts operating within Collier County, including North Naples, Golden Gate, Big Corkscrew Island, Immokalee, East Naples, Ochoppee, and Isle of Capri.

FIRE CODE - The Collier County Fire Prevention Ordinance, the State Minimum Fire Safety Standards and the State Fire Marshal's Uniform Fire Standard, and any successor or amendment to the Fire Prevention Ordinance or either set of Fire Standards during the life of this agreement.

FIRE SAFETY INSPECTOR - The individual appointed to carry out the functions identified by and referenced in Chapter 553, Florida Statutes, Building Construction Standards, and Chapter 633, Florida Statutes, Fire Prevention and Control. Such individual must be certified by the Division of State Fire Marshal pursuant to § 633.05, Florida Statutes. The term as used in this Agreement may refer to the Fire Code Official, the Assistant Fire Code Official, Fire Marshal, or Fire Inspector employed by one of the Fire Districts.

FIRE CODE OFFICIAL - The individual appointed by the Fire Districts and employed by the EAST NAPLES FIRE DISTRICT who is responsible for:

1. The accurate and timely review of building permit applications, plans and specifications for compliance with the applicable Fire Code and;
2. The performance of statutory functions of the Fire Marshal and Fire Code Official for fire plan review.
3. Providing Collier County with assistance in updating the Fire Codes and related ordinances.
4. Manage and over-see all employees and records of the Fire Code Official's office on a daily basis including time sheets and expenditures.
5. Provide training as needed to office staff and fire district personnel.
6. Present a preliminary budget to the fire chief of each district, and a final annual budget to the Fire Chief of the administrative district or his/her designee.
7. Participate as a member of the Collier County Fire Marshals Association.

FIRE SERVICE STEERING COMMITTEE - A Florida corporation created 12th day of March 1991

NEW CONSTRUCTION OR CONSTRUCTION - These terms include any construction, erection, alteration, repair, or demolition of a building.

SECTION THREE: Delegation of Powers.

The **District** hereby authorizes the EAST NAPLES FIRE DISTRICT to exercise the following powers and duties on behalf of the **District** concerning the Fire Code Official's office:

1. To employ personnel upon review and approval of the Fire Service Steering Committee;
2. To lease office space;
3. To receive payments from Collier County;
4. To disburse funds;
5. To otherwise operate and represent the **District** with respect to review of building permit plans for compliance with the Fire Code; and
6. In conjunction with the Fire Service Steering Committee, establish and maintain a benefit package and to implement policies and procedures for the purpose of the operations and administration of the Fire Code Official's Office.

SECTION FOUR: Inspections.

The **District** shall be responsible for performing inspections and any necessary re-inspections of new construction and construction projects for which building permits have been issued. The **District** shall employ fire safety inspectors to perform all inspections on permitted construction projects. The fees for these inspections and re-inspections shall be collected by Collier County and paid to the EAST NAPLES FIRE CONTROL and RESCUE DISTRICT, which shall distribute them in accordance with Section 5(A) of this Agreement. It is understood that pursuant to the Interlocal Agreement between Collier County and the Fire Districts dated 1-28-03. Fire Districts receive no payment from Collier County for their inspections of existing buildings within their districts.

SECTION FIVE: Distribution of Funds.

A. Inspections.

The EAST NAPLES FIRE DISTRICT is hereby authorized to receive payment from Collier County of all fire inspection fees collected on behalf of the **District**. The EAST NAPLES FIRE DISTRICT shall determine what portion of the fire inspection fees received from Collier County Building Review and Permitting Department

were paid for fire inspections in the **District**. A copy of the County's distribution listing by District shall be provided along with the check and the calculation sheet of the amount being remitted. The EAST NAPLES FIRE DISTRICT which shall distribute that determined portion including any interest to the **District**, less 1% of the total fees to cover administrative costs. The EAST NAPLES FIRE DISTRICT shall send the fee checks in the appropriate amount to the **District** within fifteen (15) days of receipt of the fees from the Collier County Building Review and Permitting Department

B. Fire Code Official's Office.

The funding mechanism for the Fire Code Official's Office is described in the Interlocal Agreement between Collier County and the Fire Districts, dated 1-28-03. Funds received by the EAST NAPLES FIRE DISTRICT from Collier County for the performance of the duties of the Fire Code Official's office shall first be allocated to the budget of the Fire Code Official's office. The EAST NAPLES FIRE DISTRICT shall create a Fire Code Official's contingency account, in which it shall deposit the funds received from Collier County for the performance of the Fire Code Official's duties which are in excess of those needed to fund the Fire Code Official's Office current year's budget. This contingency fund shall be allowed to accumulate in an interest bearing account to an amount equaling twice the current years adopted budget for the Fire Code Official. Within ninety (90) days of the contingency fund reaching the level of twice the current year's adopted budget for the Fire Code Official, the Fire Service Steering Committee shall evaluate and recommend that, if necessary, the County adjust the Plan Review Fee Schedule to maintain the contingency fund at that level.

C. Fixed Asset

All fixed assets of the Fire Code Official's Office shall be marked as property of the office and a copy of the most current inventory shall be provided to the District on an annual basis. Ownership of all fixed assets shall remain the property of the Fire Code Official's Office.

D. Financial Reporting

On a quarterly basis, the East Naples Fire District shall provide the **District** a quarterly financial status report for the Fire Code Official's Office and on an annual basis a copy of the audit report for the office.

SECTION SIX: Fire Code Official's Budget.

A. Budget

Not later than May 1 of each year, the Fire Code Official shall submit a preliminary budget for the following fiscal year, to begin on October 1, and end on September 30, to each Fire district. The Fire Service Steering Committee and each Fire District shall review this budget and provide its comments and recommendations on the budget to the EAST NAPLES FIRE DISTRICT no later than July 1 of the year in which the budget is submitted. The EAST NAPLES FIRE DISTRICT shall consider the comments and recommendations of each Fire District during its consideration of the Fire Code Official's budget. The EAST NAPLES FIRE DISTRICT shall be responsible for adopting the final yearly budget for the Fire Code Official.

B. Benefit Package

The EAST NAPLES FIRE DISTRICT shall in conjunction with the steering committee, establish a benefit package for the employees of the Fire Code Official's Office. This package shall be approved by the steering committee, and will be considered portable when possible when any change in the administrating district occurs. Funding shall be from revenue included in a line item on an annual basis in the Fire Code Official's office budget.

SECTION SEVEN: Fire Code Official Selection.

Fire Code Official's Selection Committee.

The Committee shall be formed to assist the Chief of the EAST NAPLES FIRE DISTRICT in the selection of the Fire Code Official. The committee shall consist of one (1) representative from each Fire District each of whom shall have one (1) vote on the committee. Each district shall independently determine its method for selecting its representative. The Committee shall create a job description for the Fire Code Official and publicize that job description and the required qualifications for the Fire Code Official, review all applications received for the position, conduct all testing of applicants and interview applicants. The committee shall recommend one (1) candidate for the position of Fire Code Official to the Chief of the EAST NAPLES FIRE DISTRICT by a vote of a majority of the members of the committee. The chief of the EAST NAPLES FIRE

DISTRICT shall consider the recommendation of the committee. The Chief of the East Naples Fire District may veto the choice of a candidate from the committee, but may not appoint a candidate without the approval of the committee.

SECTION EIGHT: Employment, Performance Evaluations, and Disciplinary Action for the Fire Code Official's Office Employees

A. Employment.

The Fire Code Official's office employees shall be considered employees of the EAST NAPLES FIRE DISTRICT and subject to the personnel policies and rules of that District and the policies and procedures developed for this office.

B. Performance Evaluation.

A performance evaluation of the Fire Code Official shall be conducted not less than annually. The evaluation shall be conducted in accordance with the policies of the EAST NAPLES FIRE DISTRICT, and the evaluation shall be reported on the standard EAST NAPLES FIRE DISTRICT evaluation form. All Fire Districts are entitled to participate in the evaluation of the Fire Code Official and each Fire District may submit one (1) evaluation to the EAST NAPLES FIRE DISTRICT. The evaluations of the Fire Code Official and related concerns of all Fire Districts shall be taken into consideration by the EAST NAPLES FIRE DISTRICT during its evaluation of the Fire Code Official. The Fire Service Steering Committee may from time to time make recommendations to the administrative district regarding the Fire Code Official's office.

C. Disciplinary Action.

EAST NAPLES FIRE DISTRICT shall be responsible for all disciplinary procedures involving the Fire Code Official and staff. All disciplinary action shall be carried out in accordance with the policies of the EAST NAPLES FIRE DISTRICT. All commendations and complaints shall be directed to the Chief of the EAST NAPLES FIRE DISTRICT, with a copy to all participating districts. The EAST NAPLES FIRE DISTRICT shall in conjunction with the steering committee, establish policies, rules and regulations within one (1) year of executing this document for the employees of the Fire Code Official's Office. This package shall be approved by the Steering Committee, and will be considered portable when possible when any change in the administrating district occurs.

SECTION NINE: Termination or Amendment.

This agreement shall remain in effect until terminated by either party. Either party may terminate this agreement with or without cause by providing written notice to the other party and to Collier County. Such termination shall be effective forty-five (45) days after receipt of said written notice. This agreement may be amended from time to time upon the agreement of both parties. Any amendment must be in writing and must be executed with the same formalities as the original.

SECTION TEN: Notices.

Any notice made pursuant to this Agreement to the EAST NAPLES FIRE DISTRICT shall be in writing and delivered by hand or by the United States Postal Service, certified mail, return receipt requested, postage prepaid, addressed to The following: East Naples Fire Control and Rescue District 4798 Davis Blvd, Naples, Florida 34104. All invoices shall be sent to the East Naples Fire Control and Rescue District.

Any notice required or made pursuant to this Agreement to the District shall be in writing and delivered by hand or by the United States Postal Service, certified mail, return receipt requested, postage paid, addressed to the following: Board of County Commissioners, Harmon Turner Building, 3301 East Tamiami Trail, Naples, Florida 34112.

Any notice required or made pursuant to this Agreement to Collier County shall be in writing and delivered by hand or by the United States Postal Service, certified mail, return receipt requested, postage prepaid, addressed to the following: County Manager, Building F, Collier County Government Center, 3301 E. Tamiami Trail, Naples, Florida, 34112.

SECTION ELEVEN: Entire Agreement.

This Agreement contains the complete and entire understanding of the parties.

SECTION TWELVE: Recording.

In accordance with § 163.01 (11), Florida Statutes, this Agreement shall be recorded by the Clerk of the Circuit Court in the Official's records of Collier County, Florida.

SECTION THIRTEEN: Effective Date.

This Agreement shall become effective upon its execution by the EAST NAPLES FIRE CONTROL and RESCUE DISTRICT and the District and it's filing with the Clerk of Circuit Court.

IN WITNESS WHEREOF, this Agreement was signed, sealed, and witnessed on the respective dates set forth below.

Witness: Richard Libbous
Witness: Veronica Lincer

EAST NAPLES FIRE CONTROL and
RESCUE DISTRICT
By: [Signature]
Chairman

Printed Name: Thomas G. Cannon
Date:

ATTEST:
DWIGHT E. BROCK, Clerk

BY: Patricia L. Magan, DC
Attest as to Chairman's
signature only.

BOARD OF COUNTY COMMISSIONERS
COLLIER COUNTY, FLORIDA
By: [Signature]
Tom Henning, Chairman
10-14-03


Approved as to form and
legal sufficiency:

[Signature]
Robert N. Zachary
Assistant County Attorney



APPENDIX

COLLIER COUNTY POPULATION ESTIMATES AND PROJECTIONS:

- COUNTY PERMANENT POPULATION ESTIMATES AND PROJECTIONS (APRIL 1)
 - COUNTY PERMANENT POPULATION ESTIMATES AND PROJECTIONS (OCTOBER 1)
 - COUNTY PEAK SEASON POPULATION ESTIMATES AND PROJECTIONS
 - COUNTY PERMANENT POPULATION ESTIMATES AND PROJECTIONS
 - COUNTY WATER AND SEWER DISTRICTS POPULATION ESTIMATES AND PROJECTIONS
 - COUNTY DEPENDENT FIRE CONTROL DISTRICTS POPULATION ESTIMATES AND PROJECTIONS
 - PLANNING COMMUNITIES MAP
 - RECREATIONAL FACILITIES TYPE GUIDELINES
 - AIR DEMAND ANALYSIS FROM 7-17-08 CCPC REVIEW OF SEASONAL POPULATION STUDY
- 

COLLIER COUNTY PERMANENT POPULATION ESTIMATES and PROJECTIONS

April 1st 2000 - 2020 By Planning Community and City

Planning Community	estimates 2000	estimates 2001	estimates 2002	estimates 2003	estimates 2004	estimates 2005	estimates 2006	estimates 2007	projections 2008	projections 2009	projections 2010	projections 2011	projections 2012	projections 2013	projections 2014	projections 2015	projections 2016	projections 2017	projections 2018	projections 2019	projections 2020	
Planning Community																						
North Naples	47,857	50,056	52,292	53,944	55,328	56,737	57,671	58,305	58,601	58,919	59,244	59,728	60,226	60,739	61,267	61,810	62,270	62,739	63,220	63,713	64,217	
South Naples	21,810	22,431	23,106	24,034	24,998	25,614	26,070	26,649	27,390	28,184	28,995	30,206	31,452	32,735	34,055	35,414	36,560	37,734	38,937	40,168	41,429	
Central Naples	18,323	18,984	19,354	19,762	19,994	20,241	20,393	20,454	20,496	20,542	20,588	20,658	20,729	20,802	20,878	20,956	21,022	21,089	21,158	21,228	21,300	
East Naples	24,385	24,558	24,859	24,977	25,180	25,296	25,411	25,762	25,801	25,843	25,887	25,951	26,017	26,086	26,156	26,229	26,290	26,352	26,416	26,482	26,549	
Golden Gate	35,325	37,855	39,267	41,662	42,951	44,033	44,554	44,991	45,101	45,219	45,340	45,520	45,705	45,896	46,092	46,295	46,465	46,640	46,819	47,002	47,189	
Urban Estates	16,713	18,995	22,776	27,537	31,758	35,149	36,928	37,981	39,125	40,351	41,603	43,471	45,395	47,375	49,413	51,511	53,281	55,094	56,950	58,851	60,797	
Rural Estates	18,815	21,019	23,589	26,678	29,767	32,183	34,636	36,407	37,770	38,195	39,140	40,550	42,001	43,495	45,033	46,616	47,952	49,319	50,720	52,154	53,623	
Marco	1,350	1,365	1,375	1,383	1,405	1,413	1,469	1,484	1,494	1,504	1,515	1,531	1,547	1,564	1,581	1,599	1,614	1,629	1,645	1,661	1,677	
Royal Fakapalm	7,811	8,442	9,203	9,988	10,739	12,282	13,711	14,722	15,533	16,402	17,289	18,614	19,978	21,382	22,827	24,314	25,569	26,854	28,170	29,518	30,898	
Corkscrew	1,019	1,209	1,253	1,277	1,446	1,729	1,941	2,541	3,106	3,712	4,331	5,254	6,204	7,183	8,190	9,227	10,101	10,997	11,914	12,853	13,815	
ImmoKalee	21,845	22,219	22,410	22,800	23,872	24,244	24,453	24,790	25,946	27,185	28,450	30,338	32,282	34,282	36,342	38,461	40,250	42,081	43,957	45,877	47,844	
Big Cypress	190	197	199	200	202	203	204	204	205	206	207	208	209	210	212	213	214	215	217	218	219	
Unincorporated NIM	215,043	227,234	239,686	254,255	267,640	279,124	287,442	294,289	300,069	306,263	312,587	322,028	331,746	341,749	352,046	362,644	371,586	380,744	390,121	399,725	409,559	
Cities																						
Everglades City	479	488	508	522	527	527	527	643	648	653	658	663	667	672	678	683	688	693	698	703	709	
Marco Island	14,879	15,066	15,206	15,346	15,576	15,647	15,719	15,825	15,988	16,152	16,315	16,520	16,724	16,929	17,133	17,338	17,537	17,736	17,934	18,133	18,332	
Naples	20,976	21,687	22,057	22,343	22,443	22,490	22,970	23,101	23,704	24,022	24,340	24,599	24,858	25,117	25,376	25,635	25,848	26,061	26,274	26,487	26,700	
Incorporated NIM	36,334	37,241	37,771	38,211	38,546	38,664	39,216	39,569	40,340	40,826	41,313	41,781	42,250	42,718	43,187	43,656	44,073	44,489	44,906	45,324	45,741	
COUNTYWIDE TOTAL	251,377	264,475	277,457	292,466	306,186	317,788	326,658	333,858	340,409	347,089	353,900	363,809	373,996	384,468	395,233	406,300	415,659	425,233	435,028	445,048	455,300	

NOTES:
 1) 2000 Naples, Marco Island, Everglades City, Unincorporated County and County-wide totals are estimates from the U.S. Census Bureau, Census 2000 Redistricting Data (Public Law 94-171).
 2) 2000 Planning Community estimates are based upon County Planning staff review of 2000 Census maps and population data.
 3) 2001, 2003, 2004, 2005 and 2006 Naples, Marco Island, Everglades City, Unincorporated County and County-wide totals are estimates from BEBR, (Bureau of Economic and Business Research) at the University of Florida.
 4) 2002 Naples, Everglades City, and County-wide totals are estimates from BEBR.
 5) Due to dispute by City of Marco Island over the 2002 estimate provided by BEBR, the 2002 Marco Island estimate is from the City of Marco Island (midpoint between 2001 and 2003 estimates). The unincorporated BEBR estimate is reduced by the amount of the Marco Island increase over the BEBR estimate (407 persons).
 6) 2001-2007 Planning Community estimates were prepared by County Planning staff using Certificate of Occupancy data & persons per dwelling unit ratios derived from 2000 Census.
 7) Naples and Marco Island projections were provided by respective city's Planning staff, in 5-year increments. In-between years are straightline projections prepared by County Planning staff. (Naples' projections were received in 2004.)
 8) Everglades City projections were prepared by County Planning staff.
 9) 2008 - 2020 County-wide totals are projections based upon BEBR Medium Range growth rates between 2005-2010, 2010-2015, and 2015-2020, per BEBR Bulletin #150, March 2008.
 10) Planning Community projections were prepared by County Planning staff using Certificate of Occupancy data & persons per dwelling unit ratios derived from 2000 Census.
 11) Planning Community projections do not reflect projected building population figures, as prepared in 1994 and 2005.
 12) Some of the Totals may not equal the sum of the individual figures due to rounding.

Prepared by Collier County Comprehensive Planning Department June 11, 2008.

COLLIER COUNTY PERMANENT POPULATION ESTIMATES and PROJECTIONS

Planning Community	estimates										projections										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Planning Community																					
NN - North Naples	48,857	51,174	53,118	54,636	56,032	57,204	57,988	58,453	58,760	59,081	59,486	59,977	60,482	61,003	61,539	62,040	62,504	62,980	63,467	63,965	
SN - South Naples	22,020	22,769	23,570	24,516	25,306	25,842	26,360	27,020	27,787	28,590	29,601	30,829	32,093	33,395	34,734	35,987	37,147	38,336	39,553	40,799	
CN - Central Naples	18,604	19,119	19,558	19,878	20,118	20,317	20,424	20,475	20,519	20,565	20,623	20,693	20,766	20,840	20,917	20,989	21,055	21,123	21,193	21,264	
EN - East Naples	24,472	24,708	24,918	25,078	25,238	25,353	25,586	25,781	25,822	25,865	25,919	25,984	26,052	26,121	26,192	26,259	26,321	26,384	26,449	26,515	
GG - Golden Gate	36,590	38,561	40,465	42,307	43,492	44,294	44,772	45,046	45,160	45,280	45,430	45,613	45,801	45,994	46,193	46,360	46,552	46,729	46,910	47,096	
UE - Urban Estates	17,854	20,885	25,156	29,647	33,453	36,039	37,454	38,553	39,738	40,977	42,537	44,433	46,385	48,394	50,462	52,396	54,187	56,022	57,900	59,824	
RE - Rural Estates	19,917	22,304	25,133	28,222	30,975	33,409	35,521	36,838	37,733	38,667	39,645	41,275	42,748	44,264	45,825	47,284	48,635	50,020	51,437	52,869	
M - Marco	1,358	1,370	1,384	1,399	1,409	1,441	1,477	1,489	1,499	1,510	1,523	1,539	1,555	1,572	1,590	1,606	1,621	1,637	1,653	1,669	
RF - Royal Fakahalm	8,127	8,823	9,595	10,363	11,511	12,996	14,216	15,127	15,967	16,846	17,952	19,296	20,880	22,104	23,571	24,942	26,212	27,512	28,844	30,208	
C - Corkscrew	1,114	1,231	1,265	1,362	1,568	1,835	2,241	2,823	3,409	4,021	4,792	5,729	6,694	7,686	8,708	9,664	10,549	11,455	12,384	13,334	
I - Immokalee	22,032	22,314	22,605	23,336	24,058	24,348	24,622	25,368	26,566	27,817	29,394	31,310	33,282	35,312	37,401	39,355	41,165	43,019	44,917	46,861	
BC - Big Cypress	194	198	200	201	202	203	204	205	205	206	207	208	210	211	212	214	215	216	217	218	
Unincorporated SUM	221,139	233,460	246,971	260,948	273,382	283,283	290,866	297,179	303,166	309,425	317,308	326,887	336,748	346,898	357,345	367,115	376,165	385,432	394,923	404,642	
Cities																					
Everglades City	484	488	515	525	527	527	585	645	650	655	660	665	670	675	680	685	690	695	701	706	
Marco Island	14,875	15,136	15,276	15,461	15,612	15,663	15,772	15,987	16,078	16,233	16,417	16,622	16,827	17,031	17,236	17,437	17,638	17,835	18,034	18,233	
Naples	21,332	21,872	22,200	22,393	22,467	22,730	23,036	23,403	23,863	24,181	24,470	24,729	24,988	25,247	25,506	25,742	25,955	26,168	26,381	26,594	
Incorporated SUM	36,788	37,506	37,991	38,379	38,605	38,940	39,393	39,955	40,583	41,069	41,547	42,015	42,484	42,953	43,421	43,864	44,281	44,688	45,115	45,532	
COUNTYWIDE TOTAL	257,926	270,966	284,962	299,326	311,987	322,223	330,258	337,134	343,749	350,495	358,855	368,903	379,232	389,850	400,766	410,979	420,446	430,130	440,038	450,174	

notes:
 1) These estimates and projections are based upon the spreadsheet of permanent population prepared for April 1, 2000-2020.
 2) Estimates and projections are derived from data obtained from: 2000 Census; Bureau of Economic and Business Research (BEER) population bulletins; Collier County Comprehensive Planning staff; and, Planning staff from Naples and Marco Island.
 3) Some of the Totals may not equal the sum of the individual figures due to rounding.

Prepared by Collier County Comprehensive Planning Department June 11, 2008.

Peak Season

COLLIER COUNTY PEAK SEASON POPULATION ESTIMATES and PROJECTIONS 2000 - 2029

	estimates 2000	estimates 2001	estimates 2002	estimates 2003	estimates 2004	estimates 2005	projections 2006	projections 2007	projections 2008	projections 2009	projections 2010	projections 2011	projections 2012	projections 2013	projections 2014	projections 2015
Unincorporated Area	265,366	280,152	296,365	313,137	328,058	339,940	349,039	356,615	363,799	371,310	380,769	392,265	404,097	416,277	428,814	440,538
COUNTYWIDE	309,511	325,159	341,954	359,191	374,384	386,668	396,310	404,560	412,499	420,593	430,626	442,683	455,078	467,820	480,920	493,175

	projections 2016	projections 2017	projections 2018	projections 2019	projections 2020	projections 2021	projections 2022	projections 2023	projections 2024	projections 2025	projections 2026	projections 2027	projections 2028	projections 2029
Unincorporated Area	451,398	462,519	473,908	485,570	496,825	507,644	518,689	529,965	541,477	552,422	562,772	573,309	584,035	594,955
COUNTYWIDE	507,473	516,156	528,046	540,209	551,891	563,066	574,467	586,099	597,967	609,244	619,904	630,750	641,786	653,016

notes:

- 1) Estimates and projections are derived from data obtained from 2000 Census; Bureau of Economic and Business Research (BEER) population bulletins; Collier County Comprehensive Planning staff; and, Planning staff from Naples and Marco Island.
- 2) Peak Season population is derived by increasing each year's October 1 permanent population by 20% (.20).
- 3) Based upon BEER Medium Range growth rate projections.

Prepared by Collier County Comprehensive Planning Department June 11, 2008.

Countywide

COLLIER COUNTY PERMANENT POPULATION ESTIMATES and PROJECTIONS

FISCAL YEAR

October 1st 2000 - 2029

	estimates 2000	estimates 2001	estimates 2002	estimates 2003	estimates 2004	estimates 2005	estimates 2006	estimates 2007	projections 2008	projections 2009	projections 2010	projections 2011	projections 2012	projections 2013	projections 2014	projections 2015
COUNTYWIDE	257,926	270,966	284,962	299,326	311,987	322,223	330,258	337,134	343,749	350,495	358,855	368,903	379,232	389,850	400,766	410,979
COUNTYWIDE	422,895	430,130	440,038	450,174	459,909	469,222	478,723	488,416	498,305	507,703	516,586	525,625	534,822	544,180		

COLLIER COUNTY PERMANENT POPULATION ESTIMATES and PROJECTIONS

CENSUS YEAR

April 1st 2000 - 2030

	estimates 2000	estimates 2001	estimates 2002	estimates 2003	estimates 2004	estimates 2005	estimates 2006	estimates 2007	estimates 2008	estimates 2009	estimates 2010	estimates 2011	estimates 2012	estimates 2013	estimates 2014	estimates 2015
COUNTYWIDE	251,377	264,475	277,457	292,466	306,186	317,788	326,658	333,858	340,409	347,089	353,900	363,809	373,996	384,468	395,233	406,300
COUNTYWIDE	415,659	425,233	435,028	445,048	455,300	464,519	473,924	483,521	493,311	503,300	512,106	521,067	530,184	539,460	548,900	

notes:
 1) April 1, 2000 total is an estimate from the U.S. Census Bureau, Census 2000 Redistricting Data (Public Law 94-171).
 2) April 1, 2001 - 2007 are estimates from BEBR (Bureau of Economic and Business Research at University of Florida) bulletins.
 3) April 1, 2008 - 2030 County-wide totals are projections based upon BEBR Medium Range growth rates between 2005-2010, 2010-2015, 2015-2020, 2020-2025, and 2025-2030 per BEBR Bulletin #150, March 2008.

Prepared by the Collier County Comprehensive Planning Department June 11, 2008.

October 1 Permanent & Peak Season

COLLIER COUNTY WATER & SEWER DISTRICTS POPULATION ESTIMATES AND PROJECTIONS

2000 - 2029

Table for EAST CENTRAL WATER & SEWER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for SOUTHEAST WATER & SEWER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for NORTHWEST WATER & SEWER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for NORTH EAST 2 WATER & SEWER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for COASTAL WATER & SEWER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for NORTH WATER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for SOUTH WATER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

Table for SOUTH SEWER, showing population estimates and projections for years 2000 through 2029. Includes categories for Permanent Population (Oct 1) and Peak Season Population.

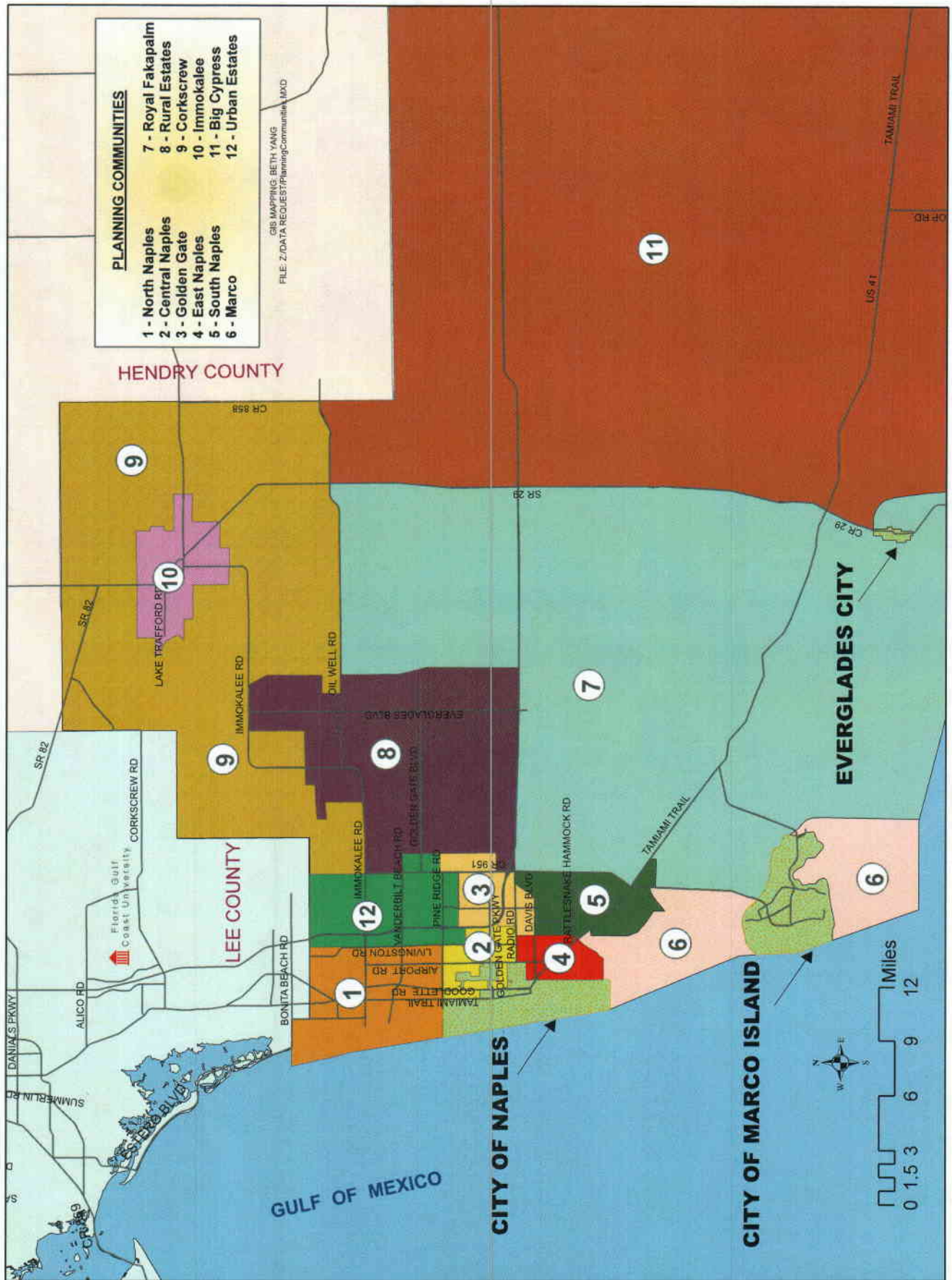
Notes: 1) Estimates and projections are derived from data obtained from 2000 Census, Bureau of Economic Analysis and Bureau of Economic Research (BEA) population bulletin. 2) Peak Season Projections are derived by increasing each year's October 1 permanent population by 20%. 3) Based upon BEA Medium Range Growth rate projections. 4) Note: 2 Water & Sewer Districts may possibly be added, as indicated above.

COLLIER COUNTY DEPENDENT FIRE CONTROL DISTRICTS POPULATION ESTIMATES and PROJECTIONS October 1 Permanent & Peak Season 2000 - 2019

	estimates 2000	estimates 2001	estimates 2002	estimates 2003	estimates 2004	estimates 2005	estimates 2006	estimates 2007	projections 2008	projections 2009	projections 2010	projections 2011	projections 2012	projections 2013	projections 2014	projections 2015	projections 2016	projections 2017	projections 2018	projections 2019	
ISLE OF CAPRI																					
Permanent Population (Oct.1)	2,088	2,141	2,168	2,255	2,355	2,438	2,541	2,753	3,093	3,449	3,897	4,441	5,001	5,578	6,172	6,727	7,241	7,768	8,307	8,860	
Peak Season Population	2,505	2,569	2,602	2,706	2,826	2,925	3,049	3,303	3,711	4,138	4,676	5,329	6,002	6,694	7,406	8,073	8,690	9,322	9,969	10,632	
OCHOPEE																					
Permanent Population (Oct.1)	2,184	2,233	2,276	2,323	2,352	2,371	2,411	2,462	2,506	2,552	2,609	2,680	2,752	2,827	2,904	2,975	3,042	3,110	3,180	3,251	
Peak Season Population	2,621	2,679	2,731	2,787	2,822	2,845	2,893	2,954	3,007	3,062	3,131	3,216	3,303	3,392	3,484	3,570	3,650	3,732	3,815	3,901	

notes:
 1) Estimates and projections are derived from data obtained from 2000 Census, Bureau of Economic and Business Research (BEER) population bulletins; Collier County Comprehensive Planning staff; and, Planning staff from Naples and Marco Island.
 2) Peak Season population is derived by increasing each year's October 1 permanent population by 2.0% (.20).
 3) Based upon BEER Medium Range growth rate projections.

COLLIER COUNTY PLANNING COMMUNITIES



Facilities Value (regulatory) transition to Facilities Guidelines (non-regulatory)

On June 26, 2007 during the regular Board of County Commissioners public hearing, staff presented to the BCC the AUIR Level of Service Standards report. The LOSS report evaluated every component and corresponding level of service of the AUIR. At the conclusion of that meeting, the BCC provided specific direction to staff related to the Facilities Value category within Pars and Recreation, "Replace the Facilities Value LOS and adopt the recreation facilities Level of Service Guidelines as outlined in Table 2 and their attendant definitions put forth in Table 3 as non-regulatory guidelines."

The following pages contain the Recreational Facility Type Guidelines, facility inventory, and the Level of Service Standards report which appeared before the BCC at their June 26, 2008 Hearing

Recreation Facility Type Guidelines*

Facility	LOS Guideline	Guideline per 1000	Required Inventory 2007	Current Inventory	Surplus/Deficit	Required Inventory 2013	Anticipated Inventory 2013	Surplus/Deficit
Water Access	1/10,000	0.1	41	77	36	47	94	47
Athletic Fields	1/6,000	0.167	69	73	4	78	74	-4
Hard Courts	1/4,000	0.25	103	163	60	117	171	54
Indoor Recreation Facility (sq ft)	.45/capita	450	185,625	188,369	2,744	210,519	217,369	6,850
Pathways (miles)	1/10,000	0.1	41	12	-29	47	38.75	-8

Water Access

Includes public beach access points, boat ramp lanes, fishing access points, canoe/kayak launches, and any other fresh- or saltwater access facilities

Note: Inventory includes 41 City of Naples beach accesses. LOSG was determined with projected build-out population taken into consideration. Acquisition and development of surplus water access is advisable in consideration of its dwindling availability.

Athletic Fields

Includes softball, baseball, Little League, football/soccer/field hockey/lacrosse fields, and any other grass-surfaced playing fields

Hard Courts

Includes basketball, racquetball, shuffleboard, bocce, tennis, and any other hard-surfaced playing courts

Note: Current LOS is approximately 1/2,500. LOSG was lowered in response to a significant quantity of hard courts available in the private sector.

Indoor Recreation Facility

Includes community centers, fitness centers, gymnasiums, and other public indoor recreation facilities

Pathways

Includes stand-alone recreational pathways and recreational pathways removed by a physical separation from vehicular right-of-ways; does not include sidewalks and bike lanes

*Change from Facilities Value to Facilities Type per BCC directive at 6-26-07 BCC hearing discussion on AUIR LOSS workshop.

Note: Level of Service Guidelines (LOSG) were adopted by the BCC 6/26/07. Facilities type LOSG are NOT part of the financially feasible CIE. Please refer to Tab "A-Parks and Recreation" located in the back of the AUIR book.

2008 AUIR Collier County Recreation Facilities Inventory

District	Location	Type	Average	Beach Access Points	Fishing Access Points	Nonmotorized Vessel Launch	Boat Ramp Lanes	TOTAL Open Water Access Points	Multuse Fields (Football/Soccer)	Baseball Fields	Soccer Fields	Tennis Courts	Baseball Courts	Hand Courts	Indoor Recreation Facility (sq ft)	Multuse Pathways/Trails
Marco	Coxambas Park	Regional	4.20				2	2								
	951 Boat Ramp	Regional	0.50				3	3								
	Tigerfall Beach	Regional	31.80	1				1								
	South Marco	Regional	5.00	1				1								
	Goodland	Regional	5.00					0								
	Mar-Good	Regional	2.50					0								
	Isles Capri	Neighbor	0.15					0								
	Veterans Park	Community	43.64					0	1	1	3	4	2	4	10	6,960
	Poinciana	Neighbor	0.30					0								
	Pelican Bay	Community	15.00					0	1							
North Naples	Coochatchee	Regional	7.20				4	4								
	Naples Pl. Elm	Community	5.00					0								
	Barefoot Access	Regional	5.00	1				1								
	Barefoot Preserve	Regional	159.80	1				2								
	State Boh Barefoot	Regional	188.00					0								
	Clam Pass	Regional	35.00	1				2								
	N. Gulfshore	Regional	0.50	1				1								
	Vanderhill Beach	Regional	5.00	1				1								
	Vanderhill Access	Regional	0.00	7				7								
	Corner Park	Neighbor	5.00					0								
Golden Gate	surplus INA Neighbor Park	Neighbor	0.00					0								
	Oceola School	Community	3.20					0								
	NC Regional Park	Regional	207.70					0	8	5	2	4	2	4	39,060	1,000
	Vineyards CP	Community	35.50					0	4	2	4	2	4	6	9,664	1,000
	Willoughby Park	Neighbor	1.20					0								
	Veterans Memorial	Community	4.00					0	1	1	2	4	2	0		
	Golden Gate CP	Community	35.00					0	1	1	2	4	2	4	10,459	2,000
	Aaron Lutz	Neighbor	3.20					0								
	Coconut Circle	Neighbor	1.20					0								
	GG Comm Ctr	Community	14.00					0								
East Naples	Palm Springs	Neighbor	6.70					0								
	Rita Eaton Park	Neighbor	4.80					0								
	Lucerne	Community	7.00					0								
	Golden Gate Pathway	Community	3.00					0								
	East Naples CP	Community	47.00					0	1	1	2	8	4	4	10,090	2,000
	Sugden Regl Park	Regional	120.00	1				3								1,000
	Gulfcoast LL	Community	5.00					0								
	East Naples Tot Lot	Neighbor	0.30					0								
	Bayview	Regional	6.27				2	3								
	South Naples	Eagle Lakes Park	Community	32.00					0	2	1	1	2	1		
Menatee		Community	60.00					0								
Copeland (lease)		Neighbor	0.50					0								
Central Naples	Naples Zoo	Regional	50.00					0								
	Gordon River GP	Regional	79.00					0								
Immokalee	Immokalee CP	Community	23.00					0								
	Imm Sports Cplx	Community	14.00					0	2	1	1	2	3	2	6,368	21,846

District	Location	Type	Acres	Beach Access Points	Fishing Access Points	Nonmotorized Vessel Launch	Boat Ramp Lanes	TOTAL Open Water Access Points	Multuse Fields (Football/Soccer)	Baseball Fields	Softball Fields	Little League Fields	TOTAL Athletic Fields	Tennis Courts	Basketball Courts	Racquetball Courts	Pool/Swimboard Courts	TOTAL Hard Courts	Indoor/ Recreation Facility (sq ft)	Multuse Pathway/Trails
	Inn High School	Community	1.00					0					0	2	1			3		
	Airport Park	Community	19.00					0					0					0		
	So. Immokalee Park	Neighbor	3.20					0					0		1			1		
	Lake Trafford	Regional	2.30		1		1	2					0					0		
	Pinecrest	School	0.50					0					0					0		
	Eden Park Elementary	Community	2.80					0	1			1	2					0		
	Tony Roebough Pk	Community	7.00					0	1			2	2					0		
	Oil Well Park	Neighbor	5.50					0					0					0		
Urban Estates	Max Hase	Community	20.00					0		2			2	2	1			3	9,483	
	Paul PUD	Regional	90.00					0					0					0		
	Orange Tree	Community	47.00					0					0					0		
	Conkrew	Community	16.90					0	1	1		3	3	4	2			6		
	Livingston Woods	Neighbor						0					0					0		
	Vanderbilt Extension	Community	120.00					0					0					0		
	Palmetto Elementary	Community	2.00					0	1			2	3					0		
	Sabal Palm	Community	9.50					0	2	2		4	4		2			2		
	Total Collier Units		1,626.46	15	3	3	11	32	26	5	21	12	64	45	26	22	23	116	143,869	11.00
City of Naples	Beach Accesses	Regional	0.50					41					0					0		
	Naples Landings	Regional	3.81			1	2	3					0					0		
	Fleischmann Park	Community	25.26					0	2	1		2	5		2	4		6	7,000	
	Cambiar Park	Community	12.84					0		1			1	12	1		7	20	12,000	
	Pulling Park	Regional	12.21					0					0					0		
	Lowdermilk Park	Regional	10.30					1					0					0		
	River Park CC	Community	1.61					0					0		1			1	11,000	
	Naples Preserve	Regional	9.78					0					0					0		0.40
	Anthony Park	Neighbor	7.00					0		1			1	1	1			2		
	Total Naples Units		83.31	41	1	1	2	45	2	0	3	2	7	13	5	4	7	29	30,000	0.40
City of Marco Island	Jane Hiller	Neighbor	0.25					0					0					0		
	Veterans Memorial	Neighbor	0.25					0					0					0		
	Leigh Plummer	Neighbor	3.50					0					0					0		
	Racquet Center	Community	2.97					0					0	8		2		10		0.25
	Frank Mackie	Community	30.00					0	1				1	2		6		8	7,000	0.50
	Winterberry	Neighbor	5.00					0		1			1					0		
	Total Marco Units		41.97					0					2					18	7,000	0.75
Everglades City	Community Park	Community	0.86					0					0					0	7,500	
	McLeod Park	Community	1.04					0					0	2	1			0		
	Total Everglades Units		1.90					0					0					0	7,500	0
COUNTYWIDE								77					73					163	181,399	12

2008 AUIR Collier County Planned Recreation Facilities

Location	Anticipated Opening Date	Beach Access Points	Fishing Access Points	Nonmotorized Vessel Launch	Boat Ramp Lanes	TOTAL Open Water Access Points	Multiuse Fields (Football/Soccer)	Baseball Fields	Soccer Fields	Little League Fields	TOTAL Athletic Fields	Tennis Courts	Basketball Courts	Racquetball Courts	Soccer/Shuttleboard Courts	TOTAL Hard Courts	Indoor Recreation Facility (sq ft)	Multiuse Pathways/Trails
Goodland Boating Park	2009				2	2					0					0		
Golden Gate CP	2009				1	1					0					0		
East Naples CP	2009				1	1					0					0		
Freedom Park	2009				0	0	1				1					0	5,000	1.5
951 Greenway	2009				0	0					0					0		4
Bayview	2009			1		1					0					0		
Port of the Islands	2009			1	2	4					0					0		
Golden Gate Greenway	2010				2	2					0					0		0.5
Sluggen Intern Bldg	2010				0	0					0					0	3,000	
S Inn Park CC	2010				0	0					0					0	3,000	
Manatee CP	2010		1			1					0	2			4	6	10,000	1.50
GRGP	2010			1		1					0					0		4
VBA #6	2010	1				1					0					0		
Muir-Good Park	2011			1		1					0				2	2	6,000	0.25
Prupper Ranch	2012			1		1					0					0	2,000	10
Pulling Park	2013			1	2	3					0					0		
ATV	2013					0					0					0		5
TOTAL						20					1					8	29,000	26.75

PUBLIC SERVICES DIVISION

Parks and Recreation Levels of Service Standards Used in the Annual Update and Inventory Report

Current Standards

Currently the Growth Management Plan outlines three levels of service standards (LOSS) for Parks and Recreation: facilities value per capita, community park acreage per capita, and regional park acreage per capita. Standards are as follows:

- \$270 facilities value per capita
- 1.2882 acres community park land per 1,000 population
- 2.9412 acres regional park land per 1,000 population

The 2006 Annual Update and Inventory Report (AUIR) indicated that the adopted standards are being met and can be satisfied within the five-year planning window using anticipated impact fee, tourist development, and developer contributed funds. However, as part of the 2006 AUIR review process, the Planning Commission and the Productivity Committee made several recommendations for potential improvements to the AUIR process through reexamination of the standards currently employed, and the Board of County Commissioners further directed staff to pursue alternatives using a four-step approach.

Board of County Commissioners Action

The BCC approved the 2006 AUIR Parks and Recreation capital improvement projects and directed staff to review the level of service standards to determine if population is the best means of determining LOS, and to give supporting documentation to the CCPC and the Productivity Committee.

Furthermore, the BCC directed staff to utilize a four-prong approach when revising the level of service standards:

1. Evaluate the existing level of service and determine the rational nexus for its establishment.
2. Identify the alternatives utilized in determining level of service standards and determine if the alternatives are a better method to determine the level of service standards.
3. Determine if the identified alternatives will withstand legal scrutiny from an impact fee standpoint.

4. Present the alternative recommendations upon level of service standards to the BCC which meets all the criteria.

Evaluation of the Existing Level of Service Standards

The current standards were adopted with the Growth Management Plan in 1989. The standards were developed using public input through survey results collected in 1981, 1983, and 1986, as well as standards espoused by the National Recreation and Park Association; the Florida Recreation and Park Association; Lee, Palm Beach, and Seminole Counties; and the 1985 and 1987 Florida Statewide Comprehensive Outdoor Recreation Planning Guides. Park land acreage requirements have not changed over time. However, both the facilities value per capita standard, and the replacement costs assigned to units in inventory that make up the calculated countywide value used to measure value per capita, are adjusted periodically in accordance with the Consumer Price Index and Construction Cost Index, respectively, to reflect inflation.

The effort to adjust the values used to measure the recreation facilities standard has not been able to keep pace with the local rate of change. As a result, the inventory is undervalued and need is understated. Furthermore, the amount anticipated to be spent to provide new facilities creates the appearance of large surpluses when compared to the minimized values and needs as expressed in the AUIR. In keeping with the Productivity Committee's recommendation, this report will examine alternatives to the recreation facilities value per capita standard.

In its 1995 update to *Park, Recreation, Open Space and Greenway Guidelines*, the National Recreation and Park Association (NRPA) looked critically at the traditional idea of recommending basic spatial standards for park resources (long established as 10 acres per 1000 population) and determined that a one-size-fits-all approach is ill-suited to today's park and recreation planning milieu. NRPA instead endorses determining LOSS through a multi-step process that includes measuring recreation facility supply and demand through extensive use study and customer survey. The result is a LOSS responsive to community-specific needs and desires. This new methodology will be employed in the development of the Community and Regional Park Plan, which will be completed by 2010 in accordance with Objective 3.1 of the Recreation and Open Space Element of the Growth Management Plan.

Identification and Evaluation of Alternatives

Comparative Analysis

Consistently, population is the foundation on which Florida counties base their level of service standard methodologies in their Growth Management Plans. Population is also the basis for many of the resource and facility guidelines in the Statewide Comprehensive Outdoor Recreation Planning Guide. **Staff recommends continuing to use population as the professionally accepted basis for measuring LOSS.** Please see AUIR LOSS

executive summary and Exhibit “B” of the executive summary for supporting documentation of staff’s recommendation.

Staff has researched the Recreation and Open Space Elements of other counties in Florida, with particular emphasis on Charlotte, Lee, Manatee, Palm Beach, and Sarasota Counties. Table 1 illustrates a comparative analysis of the LOSS adopted by Collier and these other 5 counties.

Table 1.		
County	LOSS for Park Land	LOSS/LOGS for Recreational Amenities
Charlotte	<ul style="list-style-type: none"> · 3 acres per 1000 for active and multipurpose parks · 3 acres per 1000 for passive parks and preserves 	none
Collier	<ul style="list-style-type: none"> · 1,288.2 acres per 1000 (unincorporated) for community parks · 2,941.2 acres per 1000 (countywide) for regional parks 	<ul style="list-style-type: none"> · \$270 facilities value per capita
Lee	<ul style="list-style-type: none"> · .8 acres per 1000 (unincorporated) for community parks (regulatory) · 2 acres per 1000 (unincorporated) for community parks (desired, non-regulatory) · 6 acres per 1000 (seasonal countywide) for regional parks (regulatory)¹ · 8 acres per 1000 (seasonal countywide) for regional parks (desired, non-regulatory) 	All non-regulatory: <ul style="list-style-type: none"> · 1 boat ramp lane with parking per 35,000 · Develop or redevelop 3 water access per year · 250 sq ft recreation center per 1000 (unincorporated)
Manatee	<ul style="list-style-type: none"> · 1 local park per 10,000 · 1 district park per 100,000 · 1 regional park per 500,000² 	All non-regulatory: <ul style="list-style-type: none"> · Bicycle trails 1 mile/10,000 · Hiking trails 1 mile /10,000 · Fitness trails 1 mile /50,000 · Fishing piers 800 feet/10,000 · Boat ramps 1/7,500 · Swimming pools 1/50,000 · Basketball goals 1/5,000 · Hand/racquetball 1/20,000 · Shuffleboard 1/10,000 · Tennis 1/3,000 · Base/softball 1/6,000 · Football/soccer 1/15,000 · Shooting range 1 station/6,000 · Golf course 9 holes/25,000
Palm Beach	<ul style="list-style-type: none"> · 3.39 acres per 1000 for regional parks (2.00 acres must be developed) · .35 acres per 1000 for beach parks (.20 acres must be developed) · 1.38 acres per 1000 for district parks (.77 	All non-regulatory: <ul style="list-style-type: none"> · Tennis 1/20,000 · Basketball 1/50,000 · Little league 1/25,000 · Baseball 1/100,000

¹ Lee County Recreation and Open Space Element defines regional parks as resource-based. Federal and state lands are included in inventory.

	acres must be developed)	<ul style="list-style-type: none"> · Softball 1/50,000 · Football/soccer 1/34,000 · Volleyball 1/50,000 · Racquetball 1/34,000 · Roller hockey 1/100,000 · Exercise trail 1/50,000 · Play area 1/25,000 · Picnic area 1/13,000 · Camp site 1/7,000 · Fishing site 1/25,000 · Hiking trail 1/74,000 · Bicycle trail 1/50,000
Sarasota	· 7 acres per 1000 (unincorporated) ²	none

² Manatee County Recreation and Open Space element defines a local park as typically 5 to 10 acres, a district park as typically 50 to 150 acres, and a regional park as typically 250 to 1000 acres.

³ Sarasota County Recreation and Open Space Element further specifies “regulatory” and “desired” standards which distribute the required seven acres among five park types: neighborhood, community, metropolitan, highly specialized, and other.

Levels of Service for Recreation Facilities

Manatee and Palm Beach Counties include as non-regulatory benchmarks, or level of service guidelines (LOSG), facility type per capita measures. These guidelines are based on the *Statewide Comprehensive Outdoor Recreation Planning Guide*, with local adjustments. Park planning staff members from these counties report that these guidelines are helpful in measuring satisfaction of the population’s recreational needs, but also acknowledge that adoption of the guidelines as binding or regulatory standards would be unnecessarily restrictive.

The advantage to the adoption of facility type LOSG is that they provide an established benchmark against which policy makers, staff, and the public can measure how well the community’s recreational needs are being met, and they can serve as a program for determining the recreational activity menus of future park properties. The guidelines must, however, allow for a certain amount of flexibility. The reason for this is that in every community recreational needs and desires change over time in response to demographic shifts and trends in recreation. A change in the average age or ethnic make-up of a community will lead to a change in the recreational interests of its people. Similarly, the popularity of any specific activity can wax and wane over time in response to fads, changes in national consciousness, successful large-scale marketing of products and services, and a host of other outside influences.

Another factor that can affect public sector recreation needs is the provision of recreational amenities by the private sector. A recent study of recreation facilities available privately in Collier County revealed that a significant amount of the typical burden normally assumed by government to provide recreational amenities has been assumed by the private sector. Table 2 illustrates the results of that study, demonstrating that a significant number of certain specific facility types, including swimming pools,

tennis courts, golf courses, and fitness centers, is available privately. The existence of these facilities privately clearly does not completely relieve the demand on government, because these amenities are not available to all members of the general public. Nonetheless, their existence alleviates the demand on the County's recreation system as a whole, allowing government to focus on areas where the need is unmet. An example of such unmet need as exemplified in the study is in the provision of the following facility types: boat ramps, football/soccer fields, gymnasiums, racquetball courts, and softball/baseball fields. The numbers of these facility types available to the community through means other than government service was negligible.

Facility	Quantity
Basketball Courts	45
Boat Ramps	negligible
Fitness Centers	118
Football/Soccer Fields	negligible
Golf Courses	91
Gymnasiums	negligible
Hockey Rinks	none
Little League	none
Multiuse Pathways	40
Picnic Areas	33
Playgrounds	63
Putting Greens	10
Racquetball Courts	negligible
Recreation Centers	48
Shuffleboard/Bocce Courts	36
Skate/BMX Parks	none
Softball Fields	negligible
Swimming Pools	245
Tennis Courts	510
Volleyball Courts	18
Figures are estimates based on voluntary survey participation by contacts at PUDs with residential components. Survey responses captured 37% of all PUDs with residential components. Survey responses captured 43% of existing golf courses. Inventory estimates were extrapolated assuming response totals for each facility were 40% of actual existing facilities.	

While it is in the County's best interest to monitor the provision of recreational facilities by the private sector and adjust its facility type LOSG accordingly, to include these facilities in inventory is not advisable. The reason for this is that the County has limited control over the fates of these amenities. If the County relied too heavily on the private sector to meet public demand, and subsequently facilities taken into inventory were converted to new uses or otherwise became unavailable to the portions of the population they served, government would be faced with unanticipated and unmet demand with no

immediate remedy. Collier County has experienced an example of this phenomenon in the recent past, with the repeated conversion of privately owned but open-to-the-public marina sites to residential waterfront developments with considerably less and more exclusive water access. **For this reason, staff recommends continuing to inventory recreational amenities provided by the private sector, as is consistent with Policy 1.5.1 of the Recreation and Open Space Element of the Growth Management Plan, and to adjust recommended level of service guidelines (LOSG) for facility types accordingly. However, staff does not recommend inventorying recreation facilities owned and operated by private entities for the purposes of the Annual Update and Inventory Report.**

The same situation exists for facilities provided by incorporated municipalities within Collier County. While consistency demands that facilities offered by municipalities be included in inventory if their populations are used to calculate demand, it is equally important that Collier County have a modicum of control over facilities it chooses to include in its inventory. Otherwise, an unforeseen change in the availability of facilities to the public offered by another jurisdiction may leave the County in a deficit for which it has no immediate remedy. **For this reason, staff recommends including recreation facilities owned and operated by municipalities in the County inventory where an interlocal agreement or other mechanism ensures each facility's sustained availability to the general public.** Examples of instances where interlocal agreements ensure public enjoyment include the City of Naples's Norris Center, beach accesses, and Landings Park, and most of the recreational amenities in Everglades City. Examples where another mechanism ensures public use are Fleischmann Park and the Naples Preserve, each of which is committed to public benefit as a condition of previous grant funding.

Certain Collier County Public Schools sites are also made available to the general public during non-schools hours through inter-local agreements. Collier County has in the past and will continue to inventory these facilities for the purposes of the Annual Inventory and Update Report.

Table 3 illustrates a proposed set of LOSG that address the areas of most significant recreational need in Collier County while allowing flexibility within the facility type categories, as defined in Table 4.

Facility Category	Collier Inventory	Naples Inventory	Marco Inventory	Everglades Inventory	Total Inventory	Current LOS	Recommended LOSG	Inventory Needed for Population of 1,100,000
Water Access	20	39	0	0	59	1:6650	1:10,000	110
Athletic Fields	57	7	3	0	67	1:6000	1:6000	183
Hard Courts	118	27	14	3	162	1:2500	1:2500	440
Indoor Recreation Facility (sq ft)	143,869	31,000	7,000	3,000	184,869	.45/capita	.45/capita	495,000
Pathways (miles)	11	.5	0	0	11.5	1:35,000	1:10,000	110

Facility Category	Definition
Water Access	Includes public beach access points, boat ramp lanes, fishing access points, canoe/kayak launches, and any other fresh- or saltwater access facilities
Athletic Fields	Includes softball, baseball, Little League, football/soccer/field hockey/lacrosse fields, and any other grass-surfaced playing fields
Hard Courts	Includes basketball, racquetball, shuffleboard, bocce, tennis, and any other hard-surfaced playing courts
Indoor Recreation Facility	Includes community centers, fitness centers, gymnasiums, and other public indoor recreation facilities
Pathways	Includes stand-alone recreational pathways and recreational pathways removed by a physical separation from vehicular right-of-ways; does not include sidewalks and bike lanes

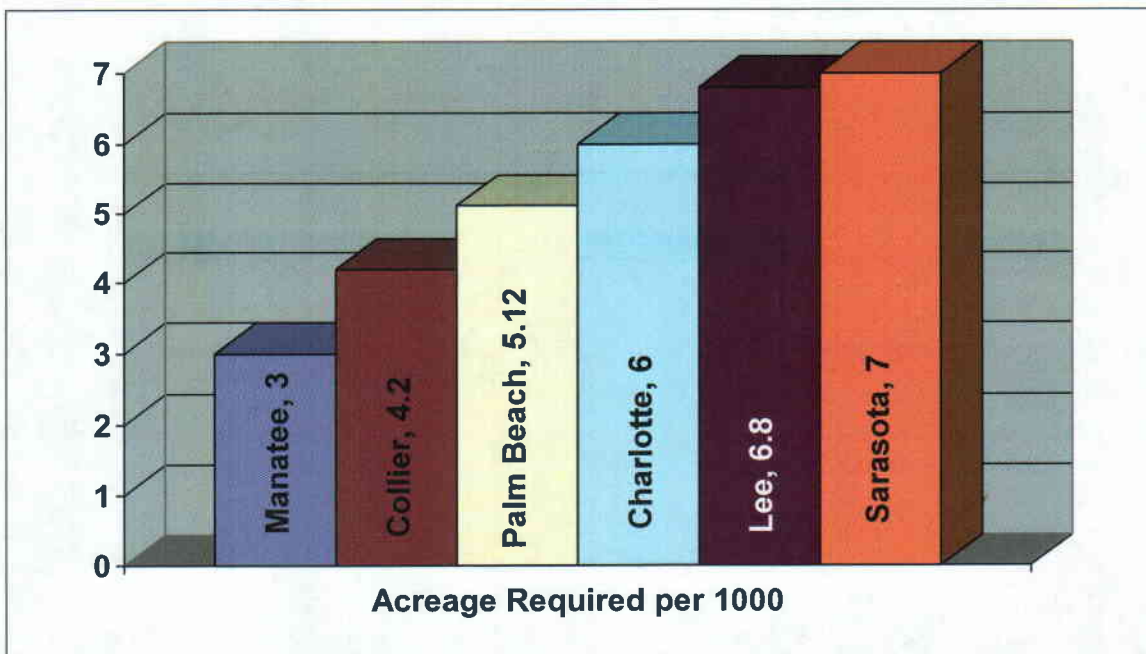
The recommended LOSG include each of the facility types identified as demonstrating unmet need. Also, they omit certain facility types, such as swimming pools and golf courses, because a large part of the public demand for these facilities is met privately. The LOSG for hard courts is recommended to be reduced slightly from the level currently provided because the need for some of the types within this category is significantly met privately. The LOSG omit playgrounds because the County will be pursuing the provision of playgrounds through amendment of the Land Development Code to require developer commitments to provide suitable neighborhoods parks, as directed by Policy

2.1.2 of the Recreation and Open Space Element. The pathways category is recommended to be strengthened because that type of facility has recently experienced increased demand.

Table 3 includes an indication of what the inventory requirements would be under the recommended LOSG for an estimated build-out population of 1,100,000. In general, staff believes these guidelines to be achievable through build-out. In the case of Water Access, the LOSG recommendation has been adjusted downward from the current LOSS to reflect a sustainable guideline into the future.

Levels of Service for Park Acreage

Distilling from Table 1 total park acreage required for regulatory compliance only, the five counties compare as follows:



Lee County standards may appear artificially inflated when compared to Collier standards, because, as noted in a footnote to Table 1, Lee includes state and federal lands in its regional park land calculations. Inclusion of state and federal lands in Collier County inventory is clearly inappropriate. Approximately 63% of the County's total land mass is preserved in conservation lands, most of which is made up of Everglades National Park, Big Cypress National Preserve, and other environmental lands. Although these lands do provide significant and appropriately restricted recreation opportunities for specific user groups, such as hunters and off-highway vehicle enthusiasts, their primary public benefit lies in their ecological, not their recreational, value. Nonetheless, when

compared with its neighboring and comparable counties, Collier standards for acreage per capita are relatively low.

Table 5 illustrates proposed park acreage LOSS that improve slightly the acreage per capita requirements for Collier County, and Table 6 provides definitions for park types to be included in each category.

Table 5.

Acreage Type	Collier Inventory	Naples Inventory	Marco Inventory	Everglades Inventory	Total Inventory	Current Adopted LOSS/1000	Current Actual LOS/1000 from 2006 AUIR	Recommended LOSS/1000	Inventory Needed for Population of 1,100,000
Community Park	462.70	n/a	n/a	n/a	462.70	1.2882	1.3145	1.5000	1650.00
Regional Park	1037.05	28	0	0	1065.05	2.9412	2.6971	3.0000	3300.00
TOTAL	1499.75	28	0	0	1527.75	4.2294	4.0116	4.5000	4950.00

Table 6.

Acreage Type	Definition
Community Park	Includes community parks, typically 30- to 60-acre active recreation areas developed with athletic fields, hard courts, indoor recreation facilities, and pathways; also includes smaller active recreation areas such as school athletic sites, sports complexes, and stand-alone community centers; may include other recreation facilities where the service area is more than one neighborhood but less than countywide
Regional Park	Includes regional parks, typically 100 or more acres, with either active uses such as multi-field or multi-court athletic facilities as well as other typical park amenities, or passive resource-based uses, or a combination of both, where the service area is greater than that of several surrounding neighborhoods, often countywide; includes all beach accesses and boating facilities and any other facilities with a countywide service area

Community park impact fees are not assessed within the municipalities, therefore neither the municipalities' populations nor community park lands are included in calculating community park acreage LOS or LOSS.

Increasing the LOSS for community park acreage to 1.5000 per 1000 is achievable in 2007, because the 2006 AUIR anticipated an increase in community park acreage this year of 123 acres. Using population and acreage projections from the 2006 AUIR, the LOS for community park acreage in 2007 is anticipated at 1.6243 per 1000.

Table 5 includes an indication of what the inventory requirements would be under the recommended LOSS for an estimated build-out population of 1,100,000. Staff believes these standards to be achievable through build-out.

Impact Fee Analysis

Staff has consulted with Clancy Mullen of Duncan Associates, who performed the most recent Parks and Recreation Impact Fee study. Mr. Mullen confirmed that none of the changes proposed herein will create a situation where the impact fee study is inconsistent with the Growth Management Plan.

The proposed improvement of the park acreage standards may affect future impact fees inasmuch as a slightly higher standard may result in a slightly higher fee.

Final Recommendations

Staff recommends the following actions:

1. Continue to use population as the professionally accepted basis for measuring LOSS.
2. Continue to inventory recreational amenities provided by the private sector and to adjust recommended level of service guidelines (LOSG) for facility types accordingly.
3. Do not inventory recreation facilities owned and operated by private entities for the purposes of the Annual Update and Inventory Report.
4. Include recreation facilities owned and operated by municipalities in the County inventory for the purposes of the Annual Update and Inventory Report where an interlocal agreement or other mechanism ensures each facility's sustained availability to the general public.
5. Adopt the recreation facilities Level of Service Guidelines as outlined in Table 2 and their attendant definitions put forth in Table 3 as non-regulatory guidelines.

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6. Adopt the park acreage LOSS as outline in Table 4 and their attendant definitions put forth in Table 5 as regulatory standards.
 7. Develop the Community and Regional Park Plan using the methodology endorsed by the National Recreation and Park Association's *Park, Recreation, Open Space and Greenway Guidelines*.
 8. Continue to analyze alternative LOSS that may provide a better alternative in the future.

AUJR WORKSHEET - DEMAND V. STANDARDS

		Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sep.	M-AVG
2007	BEBR mid perm	4	333,858	333,858	333,858	333,858	333,858	333,858	333,858	333,858	333,858	333,858	333,858	333,858
	pw ww sw	5	(11,216)	9,019	25,611	5,493	50,969	19,551	7,536	(29,949)	(26,616)	(24,425)	(31,421)	0
		6	322,642	342,877	359,469	339,351	384,827	353,409	341,394	303,909	307,242	309,433	302,437	333,858
3 Year Monthly Averages from 2005-2007														
Potable Water	Demand													
170 gpd	LOS													
	var. to adv.	3	(0.02)	0.04	0.13	0.02	0.19	0.15	0.08	(0.15)	(0.16)	(0.14)	(0.18)	
	mgm	1	765.0	805.0	876.0	796.0	927.0	891.0	843.0	663.0	653.0	667.0	640.0	777.6
	170	2	145,161	157,843	166,224	161,460	175,901	174,706	159,962	130,000	123,909	126,565	125,490	149,998
Waste Water	Demand													
gpd	LOS													
	var. to adv.	3	0.01	0.00	0.03	0.01	0.11	(0.03)	(0.16)	(0.06)	0.01	0.01	0.02	
	mgm	1	493	492	503	496	544	474	413	461	496	496	497	489.6
	121	2	131,161	135,258	133,821	141,059	144,729	130,309	109,877	126,735	131,959	131,959	136,632	132,432
Solid Waste	Demand													
.7 tons capita	LOS													
	var. to adv.	3	(0.09)	0.01	0.08	0.01	0.15	0.06	0.14	(0.06)	(0.09)	(0.09)	(0.12)	
	K? tons	1	21,099	23,430	24,995	23,518	26,819	24,658	26,478	21,754	21,088	21,127	20,426	23,226.1
	0.70	2	354,891	407,236	420,423	422,861	451,103	428,580	445,367	378,105	354,706	355,362	355,023	397,160
EMS	Demand													
1 unit /16,000	LOS													
	var. to adv.	3	(0.06)	(0.00)	0.13	0.16	0.22	0.06	(0.03)	(0.14)	(0.11)	(0.11)	(0.14)	
	calls	1	2,700	2,849	3,222	3,307	3,500	3,040	2,785	2,464	2,540	2,536	2,468	2,860.3
Law	Demand													
1.96 officers/1,000	LOS													
	var. to adv.	3	0.03	(0.03)	0.01	(0.06)	0.03	(0.02)	0.05	(0.03)	(0.01)	0.04	(0.00)	
	calls	1	53,536	50,387	52,466	48,830	53,774	51,267	54,487	50,536	51,496	54,352	51,963	52,070.8
Jail	Demand													
3.2b/1000	LOS													
	var. to adv.	3	0.01	(0.02)	(0.03)	(0.02)	0.00	0.01	0.02	0.03	0.00	0.02	0.04	
	beds	1	1,194	1,158	1,147	1,158	1,188	1,199	1,205	1,223	1,191	1,208	1,229	1,185.3
	0.00320	2	3,70070	3,41283	3,19082	3,41240	3,08710	3,39267	3,52965	4,02424	3,87642	3,90392	4,06366	3,55016
Library	Demand													
.33sf/capita	LOS													
	var. to adv.	3	(0.11)	(0.11)	0.11	0.10	0.22	0.01	(0.13)	0.14	0.05	(0.03)	(0.13)	
	door	1	211,045	209,692	261,847	259,847	286,955	237,140	206,066	267,912	247,819	229,400	204,885	235,916.3
Library	Demand													
1.87/capita	LOS													
	var. to adv.	3	(0.12)	(0.11)	0.11	0.10	0.18	0.00	(0.09)	0.15	0.08	(0.03)	(0.14)	
	circulation	1	213,787	215,168	269,192	268,425	287,841	243,620	220,850	278,586	262,811	234,597	209,023	243,043.6
	1.87000	2	0.66261	0.63414	0.62011	0.74886	0.79100	0.68934	0.64691	0.91668	0.85539	0.75815	0.69113	0.72798
Park	Demand													
1.2 acres com/1,000	LOS													
2.9 acres reg/1,000														
	var. to adv.	3	(0.14)	(0.12)	0.00	0.13	0.34	0.22	0.03	0.04	(0.09)	(0.10)	(0.07)	
	visits	1	96,202	98,552	84,487	126,651	150,778	136,941	116,103	117,236	101,824	100,755	104,585	112,208.2

1 The usage data supplied by staff.
 2 Where available calculates the population derived by the level service.
 3 The variance from monthly average
 4 Using the BEBR mid as the average.
 5 Using the average variance of Potable, Waste Water and Solid Waste
 6 Derived monthly population

Staff Generated Demand Analysis

Potable Water LOS 185 gpcd	Community Park Land LOS - 1.2 acres/1,000 or 0.0012 acres per capita	Law Enforcement LOS 1.96 officers/1,000 or 0.00196 per officers capita
% Difference between March and September average for 3 year period	% Difference between March and September average for 3 year period	% Difference between March and September for 3 year average
31.00%	30.79%	3.37%
Average 5 highest months for 3 year period	Average 5 highest months for 3 year period	Average 5 highest months for 3 year period
866	117,680	53,723
Average 5 lowest months for 3 year period	Average 5 lowest months for 3 year period	Average 5 lowest months for 3 year period
678	87,408	50,503
Percent difference	Percent difference	Percent difference
21.97%	25.72%	5.99%
Average 6 highest months for 3 year period	Average 6 highest months for 3 year period	Average 6 highest months for 3 year period
858	114,896	53,430
Average 6 lowest months for 3 year period	Average 6 lowest months for 3 year period	Average 6 lowest months for 3 year period
697	87,429	50,712
Percent difference	Percent difference	Percent difference
18.72%	23.91%	5.09%
Waste Water - LOS - North Plant 145 gpcd South Plant 110 gpcd	Library Buildings LOS .33 square feet per capita	Jail Beds LOS 3.2 beds/1,000 or 0.0032 beds per capita
% Difference between March and September average for 3 year period	% Difference between March and September average for 3 year period	% Difference between March and September average for 3 year period
8.63%	21.42%	-3.45%
Average 5 highest months for 3 year period	Average 5 highest months for 3 year period	Average 5 highest months for 3 year period
510	172,920	1,213
Average 5 lowest months for 3 year period	Average 5 lowest months for 3 year period	Average 5 lowest months for 3 year period
467	136,315	1,155
Percent difference	Percent difference	Percent difference
8.51%	21.17%	4.77%
Average 6 highest months for 3 year period	Average 6 highest months for 3 year period	Average 6 highest months for 3 year period
508	169,069	1,210
Average 6 lowest months for 3 year period	Average 6 lowest months for 3 year period	Average 6 lowest months for 3 year period
472	137,563	1,176
Percent difference	Percent difference	Percent difference
7.11%	18.64%	2.82%
Solid Waste LOS .7 tons per capita	Library Matrials LOS 1.87 items per capita	
% Difference between March and September average for 3 year period	% Difference between March and September average for 3 year period	
23.84%	28.60%	
Average 5 highest months for 3 year period	Average 5 highest months for 3 year period	
25,294	264,876	
Average 5 lowest months for 3 year period	Average 5 lowest months for 3 year period	
21,099	208,015	
Percent difference	Percent difference	
16.58%	21.47%	
Average 6 highest months for 3 year period	Average 6 highest months for 3 year period	
24,965	260,253	
Average 6 lowest months for 3 year period	Average 6 lowest months for 3 year period	
21,469	211,579	
Percent difference	Percent difference	
14.00%	18.70%	
Regional Park Land LOS 2.9 acres/1,000 or 0.0029 acres per capita	Emergency Medical Services (EMS) LOS 1/16,400 or 0.000061 per capita	
% Difference between March and September average for 3 year period	% Difference between March and September average for 3 year period	
38.17%	29.48%	
Average 5 highest months for 3 year period	Average 5 highest months for 3 year period	
34,561	3,197	
Average 5 lowest months for 3 year period	Average 5 lowest months for 3 year period	
14,415	2,542	
Percent difference	Percent difference	
58.29%	20.49%	
Average 6 highest months for 3 year period	Average 6 highest months for 3 year period	
33,105	3,139	
Average 6 lowest months for 3 year period	Average 6 lowest months for 3 year period	
16,247	2,582	
Percent difference	Percent difference	
50.92%	17.73%	